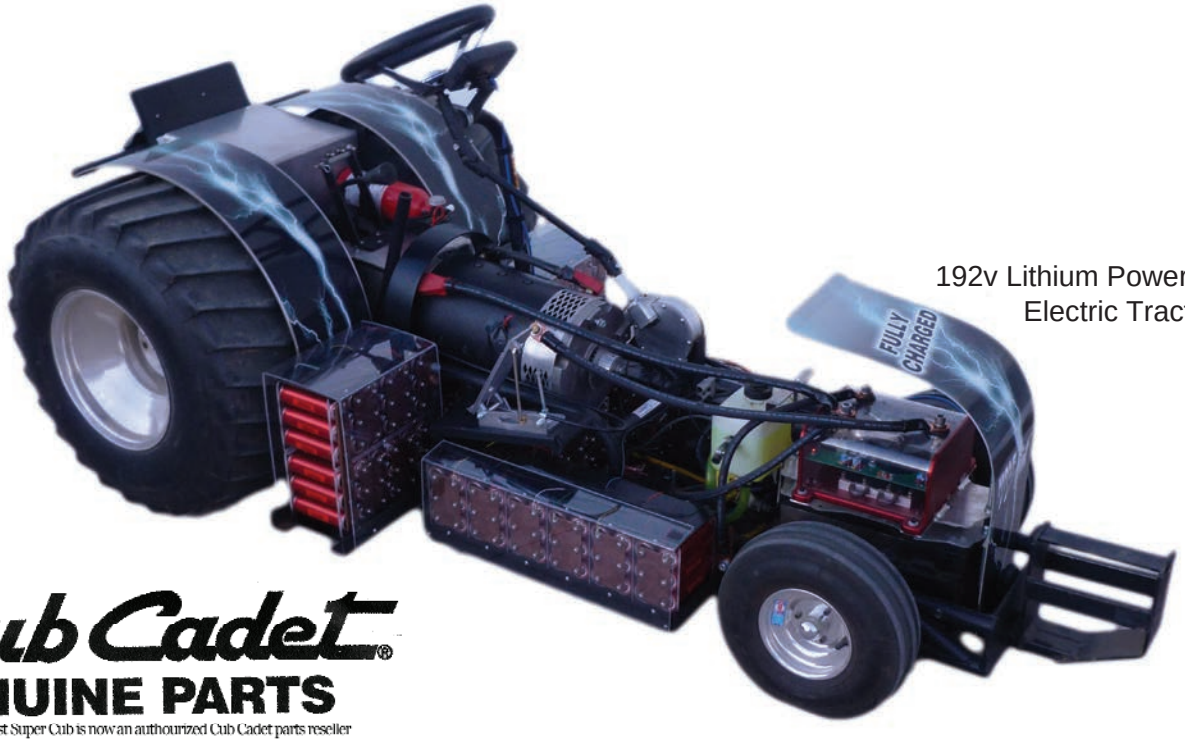
MIDWEST SUPER CUB™



192v Lithium Powered
Electric Tractor

Cub Cadet®
GENUINE PARTS
Midwest Super Cub is now an authourized Cub Cadet parts reseller

Scan for links to like us on facebook, subscribe to us on YouTube, and register on our forums.

YouTube

Subscribe to us on YouTube at: http://www.youtube.com/user/MidwestSuperCub

Find us on Facebook

888-414-6983

24-HOUR TOLL FREE VOICE MAIL ORDER LINE

563-659-5276 TECHNICAL ASSISTANCE LINE Available: 10 AM - 6 PM M-F EST
9 AM - 5 PM M-F CST

www.midwestsupercub.net

Midwest Super Cub, L.L.C.
333 Welton Ave. P.O. Box 10
Welton, IA 52774
Fax: 563-659-5361

E-mail: midwestsupercub@hotmail.com
Julian & Cathy Stahl
January 2014
(Prices are subject to change)

Ordering Information

It's Easy to Order from Midwest Super Cub, LLC

Toll-Free Phone Ordering Anytime:

We're available for your calls around the clock every day. Just call 1-888-414-6983 and leave your order on a secured automated order line. Our huge parts inventory is just a phone call away.

On-line Internet Ordering:

Visit us at www.midwestsupercub.net

The on-line catalog is quick and easy. Just e-mail your order to us. If you plan on using a credit card payment, please call us with your credit card #. We do not recommend e-mailing your card # for your protection.

Order by Mail: Fill out the order form in the back of the cataglog, enclose payment or give your bank card information and pop it in the mail, or fax to 563-659-5361.

International Orders:

To place an order from outside of the United States, please give us a call at 1-563-659-5276.

Payment Options:

We accept MasterCard, Visa, and Discover. Paypal and COD also accepted.

Money Order, Bank Draft, Certified Check:

Orders are shipped as soon as possible upon receipt of your payment. Please do not send cash. *We offer a 5% discount on all prepaid orders, if paid with money order or cashier's check,* **EXCEPT FOR WEIGHTS, TIRES, COMPLETE MOTORS OR TRANSMISSIONS, FRAMES, OR ITEMS BUNDLED FOR DISCOUNTED PRICING.**

C.O.D: There will be a $13.00 fee per package. Note: All COD shipments will be for Money Orders or Certified Check only. NO COD's on Tires or Weights or NEXT DAY AIR PACKAGES.

Extra Shipping Charges On:

Engines, frames, complete tractors, tires, transmissions, dart rear set-ups, and weights.

Air Shipping Via UPS Available

Great options when you need your order right now. We will gladly accommodate any special shipping requirements such as NEXT DAY Air, 2-Day, 3-Day, SATURDAY, etc. Phone or fax your order and we ship the parts that day.

Priority Mail Available (must call us)

2-3 day service starting at $6.25.

Handling Charges:

$ 00.00 to $50.00	$14.00
$ 51.00 to $100.00	$15.00
$101.00 to $200.00	$17.75
$201.00 to $250.00	$22.00
$251.00 to $300.00	$24.00
$301.00 to $400.00	$26.00
$401.00 to $500.00	$30.00
$500.00 and higher	$35.00

How to Make a Return:

If you are not completely satisfied, return the new/unused item in the original box prepaid within **30 days** with a copy of the invoice for a refund/exchange. Send the package pre-paid (UPS or US Postal Service INSURED) to: *Midwest Super Cub, LLC, 333 Welton Ave, P.O. Box 10, Welton, IA 52774*

No COD or freight collect shipments will be accepted. Credit will be issued for merchandise only - no refunds on handling/shipping charges. Sorry, NO RETURN ON MOUNTED WHEELS OR TIRES. There is a **20% RESTOCKING FEE** on all returned merchandise - **NO EXCEPTIONS.**

Warranty: The warranty from the various manufacturers differ and all claims will be handled by the manufacturer of the item in question. Since these are high performance parts under extreme use conditions, there is no warranty on most parts. If there is a problem call us first.

Warranty Disclaimer: Purchasers understand and recognize that racing parts, specialized tractor pulling and racing equipment, and all other parts and services sold by Midwest Super Cub, LLC are exposed to many and varied conditions due to the manner in which they are installed and used. Execpt for certain limited warranties, if any, set forth in the Midwest Super Cub, LLC current catalog, including the Midwest Super Cub, LLC web page, with respect to the products and/or parts thereof identified on your invoice, each product, and each part thereof is sold 'as is' and 'with all faults' and Midwest Super Cub, LLC makes no warranties either expressed or implied, written or oral, with regard to such products and services including, without limitation, any warranty of merchantability or fitness for a particular purpose. Without limiting the foregoing, there is no warranty expressed or implied as to whether the good sold hereby will protect purchasers or ultimate end-users of such products and parts from injury or death. In no event shall Midwest Super Cub, LLC be liable for any special incidental or consequential damages, or any other damages whatsoever arising out of or connected with the use or misuse of the products and each part thereof. Purchasers acknowledge and agree that no person, entity or agent of Midwest Super Cub, LLC has any authority to make any statement contrary to this disclaimer and that any warranty statements or representations allegedly made on behalf of Midwest Super Cub, LLC by any such person, entity or agent are void. Purchasers are relying solely on their own skill and judgment to select the purchase and use suitable products and assume all responsibility and risk with regard thereto. The use of manufacturers' names and symbols are for reference purposes only.

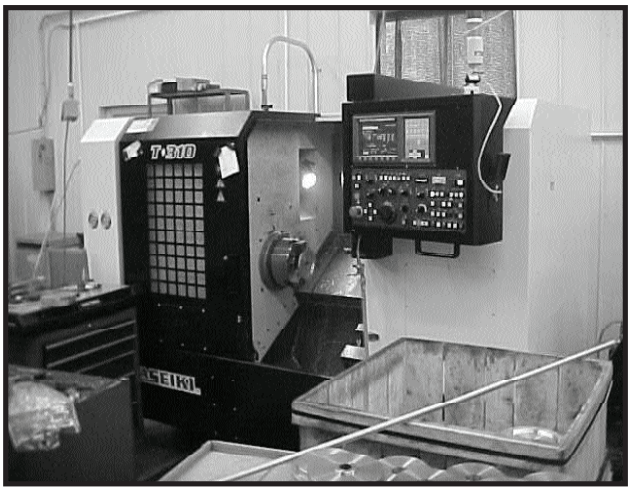
Sales Tax: Applicable 7% sales tax is collected on sales in IA. If the parts are for resale a sales tax permit number is required for IA purchases.

Pat Shannon Cathy Rochelle

Midwest Machine, Inc.

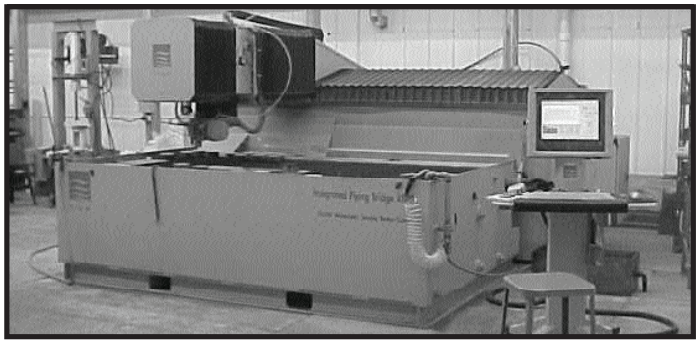
333 and 306 Welton Avenue, Welton, IA 52774

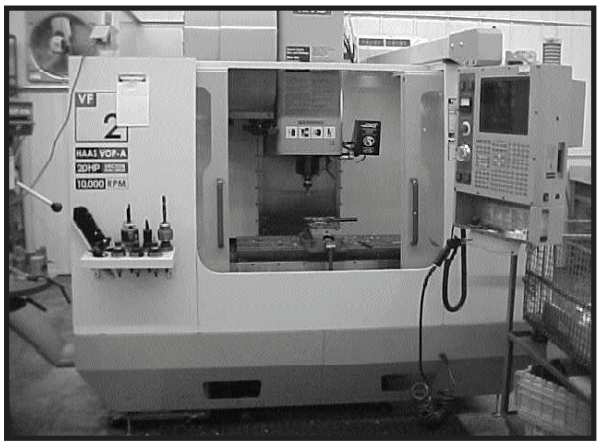
We do almost all of our manufacturing in-house in our 10,000 SF manufacturing facility. We have a complete fully-equipped machine shop with 3 CNC machining centers, 2 CNC turning centers, a 5-axis CNC Flow Water Jet cutting table, an automatic band saw and a fully computerized dynamometer. In addition, we have a Winnona/Van Norman Crankshaft grinder, a Super Flow flow bench to flow carburetors and OHV cylinder heads, and Micro Super Finish process for our gears and other items. We also have a Stutska Computer Dyno, a surface grinder and (Pro-E) Pro Engineer 3-D Design CAD software with a 5 axis CAM output. MasterCam and Audie Tech Cam-Pro.

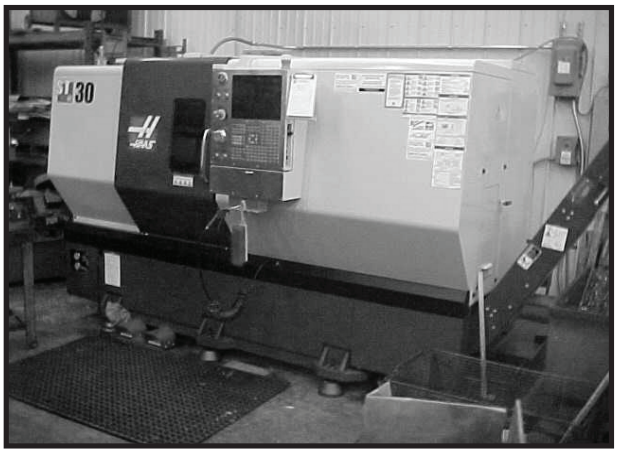


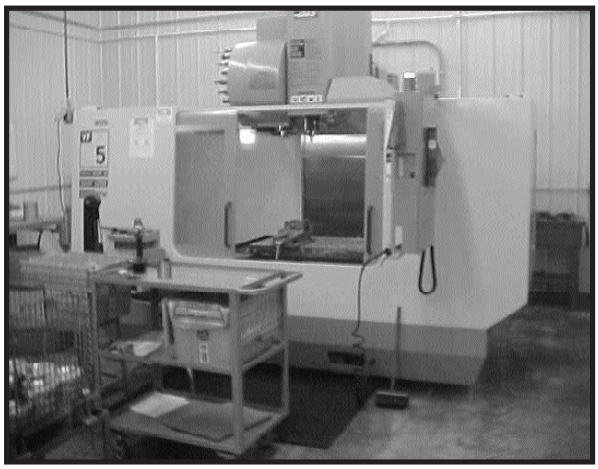
DIRECTIONS: Midwest Super Cub LLC and Midwest Machine INC. are located approximately 20 miles north of I-80 on Hwy 61. Turn left at 260th Ave, left at stop sign, left on Welton Ave.

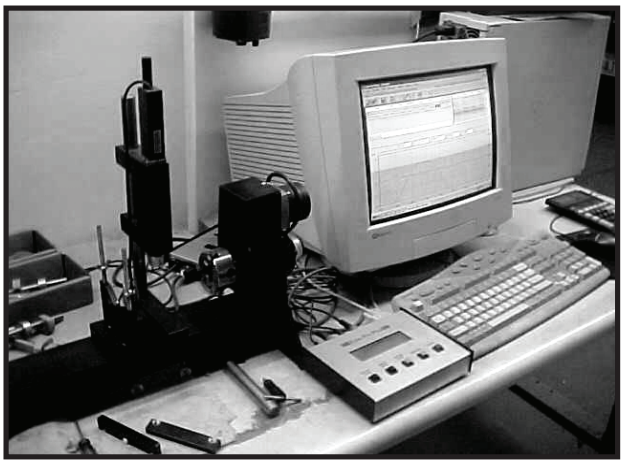
Located at 306 and 333 Welton Ave.











5% Discount on all orders mailed in with a money order/cashier's check

Douglas Wheels

Made in USA

Polished Rear Aluminum Wheels.

All wheels have 5 bolt holes on 4.5" circle with a 2 3/4" center hole.
Price per pair.

DOUGLAS 1210 (4x6 offset) **1210P $270.00**
For use with 23" x 10.5" x 12" tires.
Includes rear center caps.

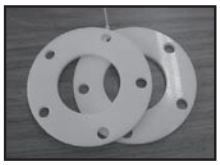
For 26" x 12" x 12" Tires.
DOUGLAS 1266 (6x6 offset 12x12) **1266P $270.00**
Internal brakes only. Includes rear center caps.

DOUGLAS 1248 (4x8 offset) **1248P $270.00**
Includes rear center caps.

Chrome Valve Stems

Works with all rims except 210 and 210X.

Prt No. Chrome **$7.00/pr**



1/4" Thick Wheel Spacers

Fits Cub Cadets, John Deere, and Wheel Horses.

Prt No. WS **$15.75/pr**

Made in USA

NEW 8"x3.250" Rim ONLY (3 Bolt Pattern) Prt No. 8325 **Call for Pricing**

8" wheels with hub, 3/4"bearings & chrome cap. 1" bushings also available. Prt No. 8325A **$148.00**

8"x3.50" Tri-Rib Package (A savings of over $10.00) Prt No. 8325AP **$190.00**

Made in USA

Polished Front Wheels (Price per pair)

6" x 3.25" **wheels only** (3 bolt pattern) Prt No. 6325 **Call for Pricing**

6" wheels with billet aluminum hub, 3/4" brgs and chrome cap. Prt No. 6325A **$127.50**

6235A and 6" x 3.50" Tri-Rib Package (Savings of over $10.00) Prt No. 6325AP **$165.00**

Made in USA

2"x10" Solid Front Wheel or 2"x10" Spoked Front Wheel

With tire, tube, and chrome cap. Measures 15.75" tall. Price per pair.

Caps available separately for $12.50 each.

1" Bushings available for additional **$40.00**.

Prt No. 210 (Solid wheel) **$225.75**

Prt No. 210X (Spoked wheel) **$245.00**

Prt No. C210 (caps only) **$12.50/ea.**

Toll Free Order Line 888-414-6983 Tech Line 563-659-5276 Fax 563-659-5361

5% Discount on all orders mailed in with a money order/cashier's check

Tires and Wheels

Made in USA

Billet Aluminum Front Hubs

For 6"x8" Douglas Wheels (per pair). 3/4" Bearings or 1" Bushings available.

Prt No. BH12 — **$72.45/ pr.**

Made in USA

Polished Aluminum Rear Center Caps

For Douglas Rear Wheels (per pair).

Prt No. RCC — **$26.25/ pr.**

Chrome Bullet Caps

For 6"x8" Douglas Front Wheel (per pair).

Prt No. CCD — **$10.00/ pr.**

Tri-Rib Tires

4-ply tubeless design. Prices per pair.

3.50" x 8"	835TRI	**$54.00**
3.50" x 6"	635TRI	**$49.75**

3.50x8 are 14.5" tall
3.50x6 are 12.5" tall

Made in USA

LawnTec Tires ONLY

LawnTec Yard & Turf, 26"x12"x12". Tires priced per pair.

Prt No. L1226 — **$390.00**

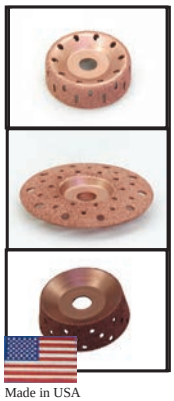
LawnTec BOLT ON AND GO Special

LawnTec Yard & Turf 26"x12"x12", mounted on Douglas 12" polished aluminum wheel.

Prt No. L1226A — **$635.00**

Mounted tires are <u>NOT</u> returnable.

LawnTec tires have won NQS Championships every year since they've been made. Feature 2-ply sidewall for flexibility with 4-ply tread face to hold tread shape, and have lugs 27, each 1/2" high to give fuller bite.
Over 2 years of research and development to make a tire that works great for both single-cylinder and twin-cylinder tractors.



Made in USA

<u>Tire Grinding Discs & Cups</u>

3" cups (various grits) to straighten up the front lug of a tire.

Prt No. GC 36 or GC 46 and GC 60 — **$39.90/ cup ea.**

4" discs (various grits) for cutting the lugs.

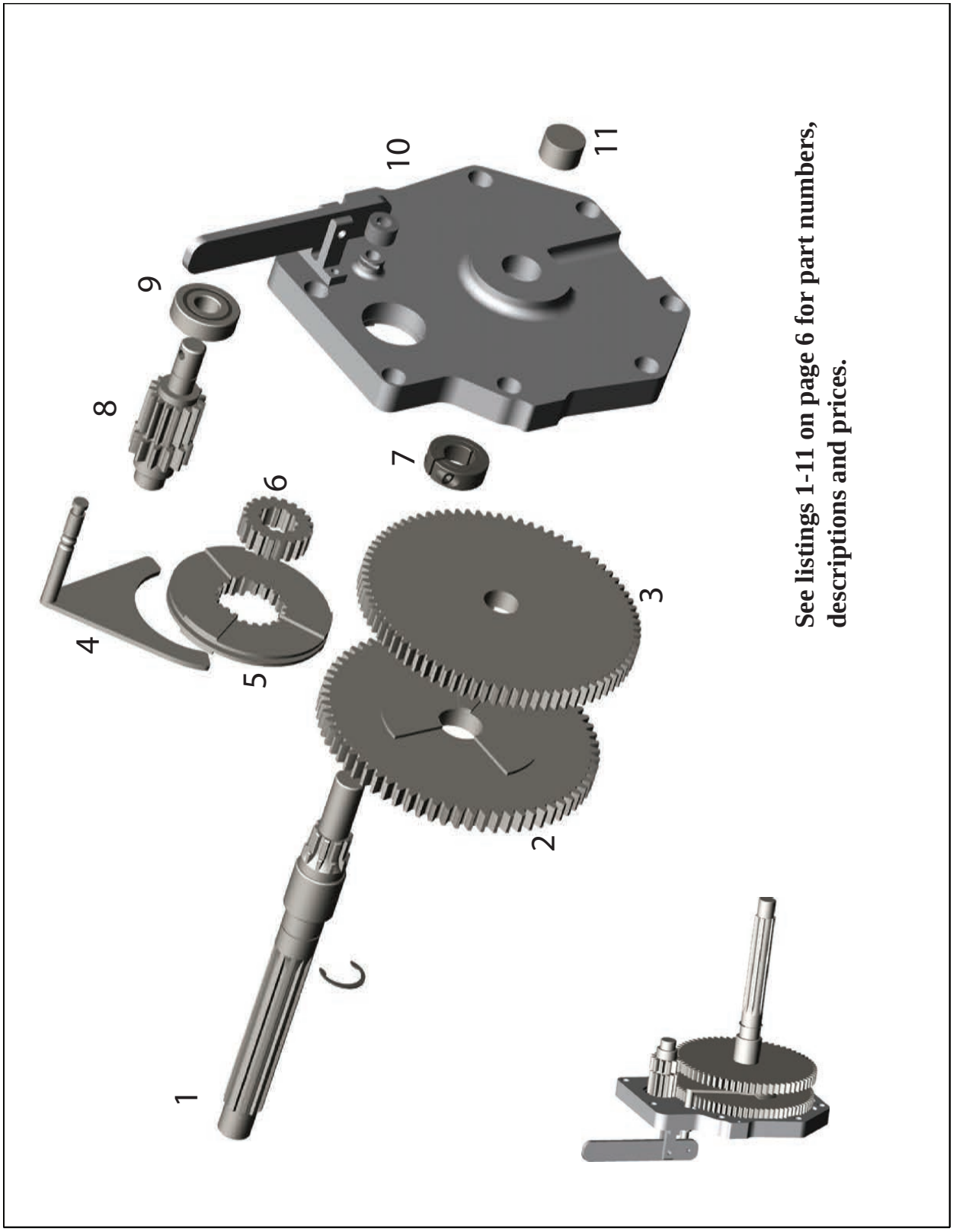
Prt No. GD 16, GD 23, or GD 36and GD 46 — **$39.90/ disc ea.**

Angled cup for Chevron Lug. Used to restore the lug face to original 90° to carcus.

Prt No. AC36-AC60 — **$63.00 ea.**

5% Discount on all orders mailed in with a money order/cashier's check

2 Speed Transmission Parts

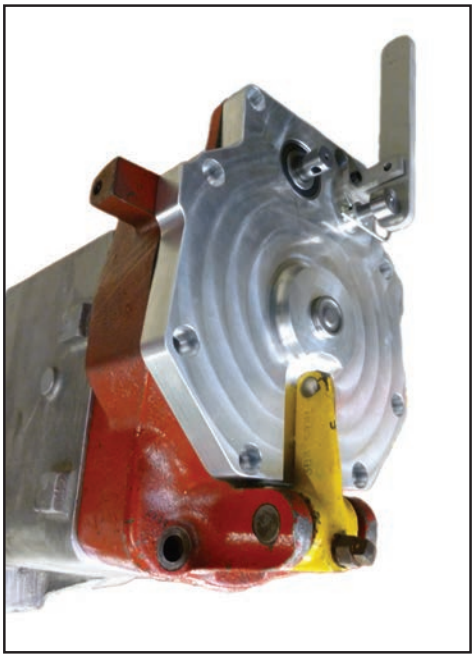


See listings 1-11 on page 6 for part numbers, descriptions and prices.

5% Discount on all orders mailed in with a money order/cashier's check

2 Speed Transmission Parts

1. Hardened Top Shaft for 2-Speed Set Up Longer than stock shaft with bronze bushing. Bearing is retained by snap ring (included) on back side of bearing.	Prt No. Top Shaft	**$90.00**
2. 67T 2-Speed Gear for Regular Transmission	Prt No. REG 67T Gear	**$90.00**
3. 81T 2-Speed Gear for Regular Transmission	Prt No. REG 81T Gear	**$90.00**
4. 2-Speed Shift Fork for Reduction Housing	Prt No. REG Shift Fork	**$45.00**
5. Outer Shifter Ring for 2-Speed Works on both the drop box and the regular reduction housings.	Prt No. Shifter Outer Ring	**$60.00**
6. Inner Shifter Ring for 2-Speed Works for both the drop box and the regular reduction housings.	Prt No. Inner Shifter Ring	**$50.00**
7. Split Collar for 2-Speed	Prt No. SC	**$6.52**
8. 2-Speed Front Pinion 13/15 for Regular Transmission	Prt No. REG Front Pinion	**$125.00**
9. 2-Speed Front Pinion Bearing	Prt No. Front Pinion Bearing	**$21.00**
10. 2-Speed Reduction Housing Cover for Regular Transmission	Prt No. REG Cover	**$165.00**
11. Rear Cup Bearing for Top Pinion	Prt No. M12121	**$28.65**



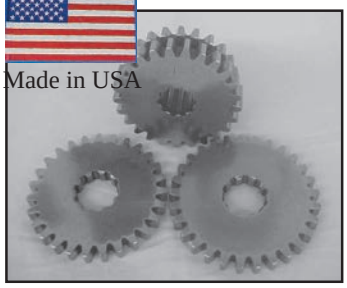
2 Speed Setup **$730.00**

Complete 2 speed box will give 1/2 gear changes. It is easily shifted with the throw of a lever - once in gear it does not need a shifter lock to keep it there. Track tested without failure at the 2011 Splatter Fest, otherwise known as Richmond, KY. This setup includes: Front Reduction housing (exchange), Brake Lever (exchange), Top Shaft, 81 and 67 teeth gears, Inner and Outer Shift Ring, 2 Speed Pinion, bearing, Snap Ring, Front Cover for Front Reduction Housing, Shift Fork and Shift Lever, and attaching hardware.
Pro/Super Gear Box Gears 20, 21, 22, 23 would get you 23.3, 23.8, 24.3, 24.95, 25.3, 25.95, 26.3, 26.95
Stock Altered Gear Box Gears 17, 18, 19, 20 would get you 20.1, 20.7, 21.2, 21.75, 22.25, 22.8, 23.3, 23.875.
Note: the driveshaft will have to be shortened by 7/8".

2 Speed using our Drop Box: **$675.00**

5% Discount on all orders mailed in with a money order/cashier's check

Transmission Parts Made in U.S.A.


Made in USA

Midwest Super Cub Transmission Gear Sets for Cub Transaxle. **$157.50**

Super Micro Finish for less drag. Three gears in a set. Cluster slider and two bottom gears. Tooth count on top cluster gear and corresponding bottom gears add up to 52. Over 300 gear sets in stock for immediate shipping. These work great with a stock top shaft.

Gear Selections: Part No. GS + Selection

14/15	16/18	19/20	21/23	24/25
14/16	17/18	19/21	22/23	24/26
15/16	17/19	20/21	22/24	25/26
15/17	18/19	20/22	23/24	25/27
16/17	18/20	21/22	23/25	26/27

$157.50 per set

3 Speed Gears: Reverse & 1st Gear

GS13/14	GS13/20
GS13/15	GS13/21
GS13/16	GS13/22
GS13/17	GS13/23
GS13/18	GS13/24
GS13/19	

$120.75 per set

Made in USA

Super Tough Top Shaft (Super Micro Finish) Prt No. STT1 **$81.11**

Hardened shaft won't twist like stock shaft. Fits USA, stock, and Canadian gears.

Made in USA

Steel Billet Carrier, Set Up for Cub Cadets Prt No. SD725C **$703.75**

7.25" design. Includes aluminum bearing cups, carrier, axles, bearings, and machined axle tubes. NOTE: A core is needed for the axle sleeves (core charge of $100.00 is included in price).

Steel Billet Carrier, 7.25" Design -- Do It Yourself Kit *(pictured)* Prt No. SD725Y **$564.79**

Includes carrier, axles, bearings and aluminum cups.

Steel Billet Carrier, 7.25" Design and Axles Prt No. SD725 **$459.64**

Includes carrier, axles, and bearings. *PATENT PENDING.*

Darts need two disc brake axles (**$80.00 additional** for Steel Billet Carrier set up). Customer to install stock calipers.

Clips for Dart or Billet Axles

Sold in pairs. Prt No. C-Clips **$2.50**

Centering Ring for Dart Carriers

Centers the stock ring gear on carrier. Prt No. CR **$27.50**

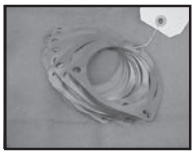
5% Discount on all orders mailed in with a money order/cashier's check

Transmission Parts Made in U.S.A.

Transmission Gasket Set — Prt No. TG — **$35.00**
Includes a rear plate, shifter, reduction housing, front cover, and 2 axle gaskets. (Same gasket set from Cub Cadet is over $60.00).

CNC Machining Billet Aluminum Bearing Cups — Prt No. BC725 — **$110.25**
To be used with the Billet Carrier shown above. Will not break like stock cast iron cups.

Bearing Cups with Shim Assortment — Prt No. BC725-P — **$120.00**



Rear Axle Carrier Bearing Shims — Prt. No. Shim-A Assortment Pkg (1 size of each) — **$15.00/pk**
Comes in .003", .007", .014" and .028" thicknesses. These are new shims.

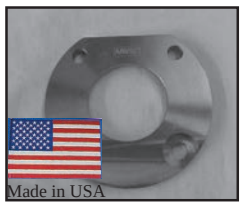
Complete Steel Spool and Axles for Cub Cadets — Prt No. Spool — **$356.90**
No machining required, comes with all attaching hardware. Eliminates need for welding stock cub carrier together to make it a locked rearend and still have weaker cub axles to contend with. Torque ring gear bolts to 35 ft lbs and use loctite. Now with serrated fine spline induction hardened axles.

Complete Steel Spool and Set-Up for Disc Brake. Customer to install calipers. — Prt No. Spool-Disc — **$400.00**

Stock Bearing Cup Reinforcement — Prt No. SBCR — **$30.00**
Used to strengthen stock cast rear carrier bearing cups. Suggested if you are using MWSC Spool setup.

Billet Steel Holder — Prt No. TSBH — **$52.50**
For top shaft bearing. Avoid breakage of stock cast iron holder; when holder fails it usually takes out gear sets, front reduction gears and even top shaft itself.

Billet Steel Holder with Bearing — Prt No. TSBH-P — **$65.00**



Heavy Duty Steel Billet Front Pinion Bearing Holder — Prt No. PH — **$52.50**
Maintains rigid holding for front pinion bearing to ensure no movement of the pinion shaft, which can lead to ring gear failures.

HD Pinion Holder Shims — Prt No. PH-Shims — **$10.50**
Assortment of shims to set pinion depth. Set of 4.

5% Discount on all orders mailed in with a money order/cashier's check

Transmission Parts Made in U.S.A.

Rear Cup Needle Bearing

For top pinion.

Prt No. M12121 **$28.65**

Heavy Duty Rear Pinion Bearings

A double-row ball bearing for lower pinion.

	Prt No. 5206M	**$105.00**
Import:	Prt No. 5206C	**$60.40**
Stock:	Prt No. 350857R91	**$60.95**

Heavy Duty Front Pinion Bearings

With double row ball bearings and snap ring.

Prt No. 5304NRK **$91.35**

Stock: Prt No. 771-0366 **$50.45**

4 Speed Package Prt No. 4SP **$483.00**

Includes 2 sets of USA Gears. Shift Forks, Spacer Kit, and Top Shaft. *(Pictured.)*

3 Speed Package Prt No. 3SP **$480.00**

3 pulling gear set up with Shift, Forks, Spacker kit, Top Shaft, and includes Reverse Idler Gear machined for less set up time.

Idler Gear Prt No. Idler Gear **$42.00**

Sold separately, pictured at left.

How-To DVD: See Page 12

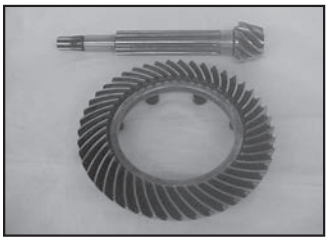
Made in USA

Aluminum Drop Box

Prt No. DBA **$708.75**

To build a tractor like our Half Pint tractor with gear (38% OD). 55T big gear to use with 12T stock pinion.

Specify Single Cylinder or Twin Cylinder tractor.



Heavy Duty Ring and Pinion Gear Set and Reverse Spiral

Prt No. RP **$491.40**

Both have extra long tooth length to increase tooth contact over stock. SUPER MICRO FINISH for less drag

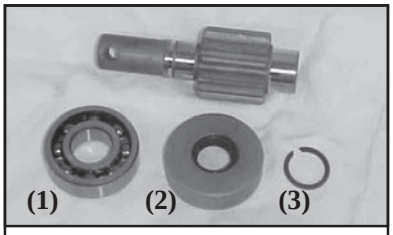
Reverse Ring & Pinion

Prt No. RRP **$612.15**

For Diesel power tractors. Also have left handed nut on pinion.

5% Discount on all orders mailed in with a money order/cashier's check

Transmission Parts Made in U.S.A.



See ordering details for 1, 2 and 3 to the right

One Over Top Pinion Speeds Transmission by One Gear — Prt No. TRG7 — **$78.75**

Also called 13 tooth pinion.
Used with stock Bow gear.

(1) Replacement Bearing for Pinion	Prt No. Seal	**$17.25**
(2) Replacement Seal for Pinion	Prt No. Bearing	**$18.45**
(3) Replacement Snap Ring for Pinion	Prt No. Snap Ring	**$6.00**

One Over Top Pinion Kit — Prt No. TRG7A — **$110.25**
Kit includes a new pinion, seal and bearing. A savings of $10.00 over buying each piece separately.

Replacement 12 Tooth Top Pinion Shaft — Prt No. TRG12 — **$78.75**

Made in USA

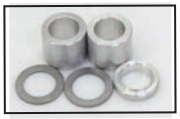
4-SPEED FORKS FOR CUB CADETS — Prt No. SF4 For 4 Speed — **$135.00/pr.**

Over twice as strong as competitors'. Eliminates fork flexing, which can lead to broken gears. CNC machined, and will clear a 26-tooth gear with no grinding or fitting. Forks will clear a standard shifter with no modifications.

Prt No. SF3 For 3 Speed setup — **$135.00/pr.**

Forks held to shift rail by installing a 1/4 socket cap bolt into the rail. Forks are designed to be used with the spacer kits listed below or will work with your own spacers. Some grinding required when used with True Gear Parts (larger fork radius). No grinding required when used with MSC's USA Gears. Instructions included.

Spacer Kit for Bottom Shaft for 4-Speed Set Up
Instructions included.
Prt No. SK4 **$26.25**



Spacer Kit for Bottom Shaft for 3-Speed Set Up
Prt No. SK3 **$26.25**

Idler Gear
Prt No. Idler Gear **$42.00**

Work Bench Motor/Transmission Stand — Prt No. Holder — **$131.25**
4-position rotation. Fully adjustable arms and includes fixture for 1 cylinder Kohler engine. Holds up to 300 lbs.

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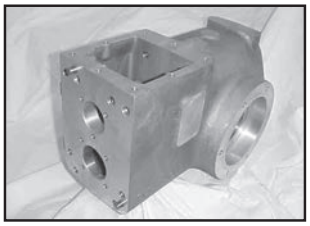
5% Discount on all orders mailed in with a money order/cashier's check

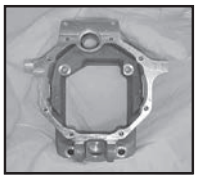
Transmission Parts Made in U.S.A.



4-Speed Aluminum Transaxle Housing

Beefed up in the high stress areas, stronger than the stock cast iron version. Case weighs just 30 lbs.

Prt No. ATC (case) **$892.50**



Aluminum Reduction Housing

Weighs just 6.5 lbs, save 12 lbs from stock.

Prt No. ARH (housing) **$309.75**

Combo of Both Pieces

Over $150.00 savings

Prt No. AH-Both **$1050.00**

Saves 50 lbs from complete all cast iron unit stock.
All pieces made of high-strength 356-T6 aluminum

Brake Puck (2) with O-Ring

Prt No. BrakePuck **$10.50**

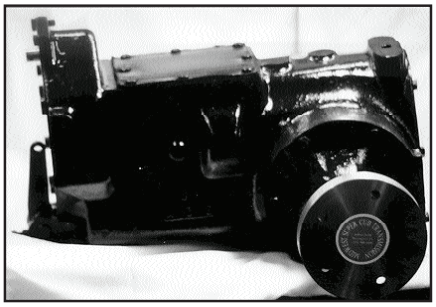
Brake Plunger

Prt No. BrakePlunger **$15.75**

Shifter

Billet hardened steel shifter parts with an integrated shifter lock.
Heavy duty construction
$200.00, or get 2 for $175.00 each.

Prt No. Shifter **$200.00**



Complete Cub Transaxles

Set up to your specifications. Transaxles do not come with shifter.

(OPT.) Transmission -- 2 pulling gears, 3 gears with reverse or 4 gears

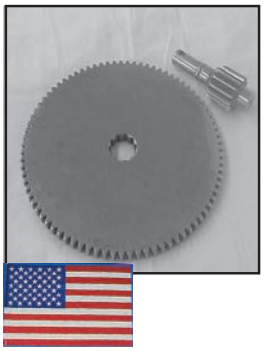
Two Pulling Gears Prt No. TX2	**$1,715.00**
Three Pulling Gears Prt No.TX3	**$1,890.00**
Four Pulling Gears Prt No. TX4	**$1,890.00**
Opt. - One Faster Front Pinion Gear An Additional	**$78.75**
Opt. - Both Front Overdrive Gears	**$168 to $220.50**

(STD.) Steel Billet Carrier with Aluminum Bearing Cups for Rear Carrier
Steel Bearing Holder for front pinion shaft bearing, and super tough top shaft. USA Gears and Midwest super Cub Shift Forks and Spacer Kit.

Save **$300.00** if you furnish a good transaxle core. (You pay shipping).

5% Discount on all orders mailed in with a money order/cashier's check

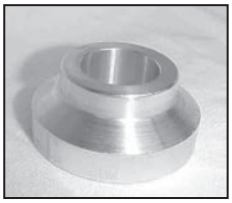
Transmission Parts Made in U.S.A.



Made in USA

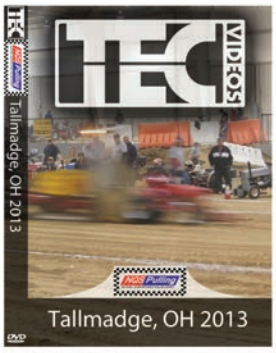
Overdrive and Underdrive Gear Sets:
ALL GEARS HAVE SUPER MICRO FINISH for less friction

20% Underdrive slows transmission by 2 gears	TRG08	**$168.00**
10% Underdrive slows by 1 1/4 gears	TRG09	**$168.00**
10% Overdrive speeds up by 1 1/4 gears	TRG10	**$168.00**
16% Overdrive speeds up by 2 1/2 gears	TRG16	**$168.00**
23% Overdrive speeds up by 3 1/2 gears	TRG23	**$168.00**
26% Overdrive speeds up by 4 gears	TRG26	**$220.50**
33% Overdrive speeds up by 5 gears	TRG33	**$220.50**
38% Overdrive speeds up by 6 1/2 gears	TRG38	**$220.50**
43% Overdrive speeds up by 7 gears	TRG43	**$220.50**
47% Overdrive speeds up by 8 gears	TRG47	**$220.50**



Front Spacer — Prt No. FS — **$10.50**
Machined for the 2nd & 3rd gear swap to compensate for the difference in gear thickness. Allows neutral gates to line up.

Front Stock — Prt No. FSS — **$10.50**
Length spacer for going from 2 gear set-up to Midwest Super Cub 4 spd. or 3 spd. package. You must go back to stock thickness on spacer.



Events:
2014 Events.....$40
2013 Events.....$40
2012 Events.....$20
DesMoines 2013.....$15

HEC VIDEOS

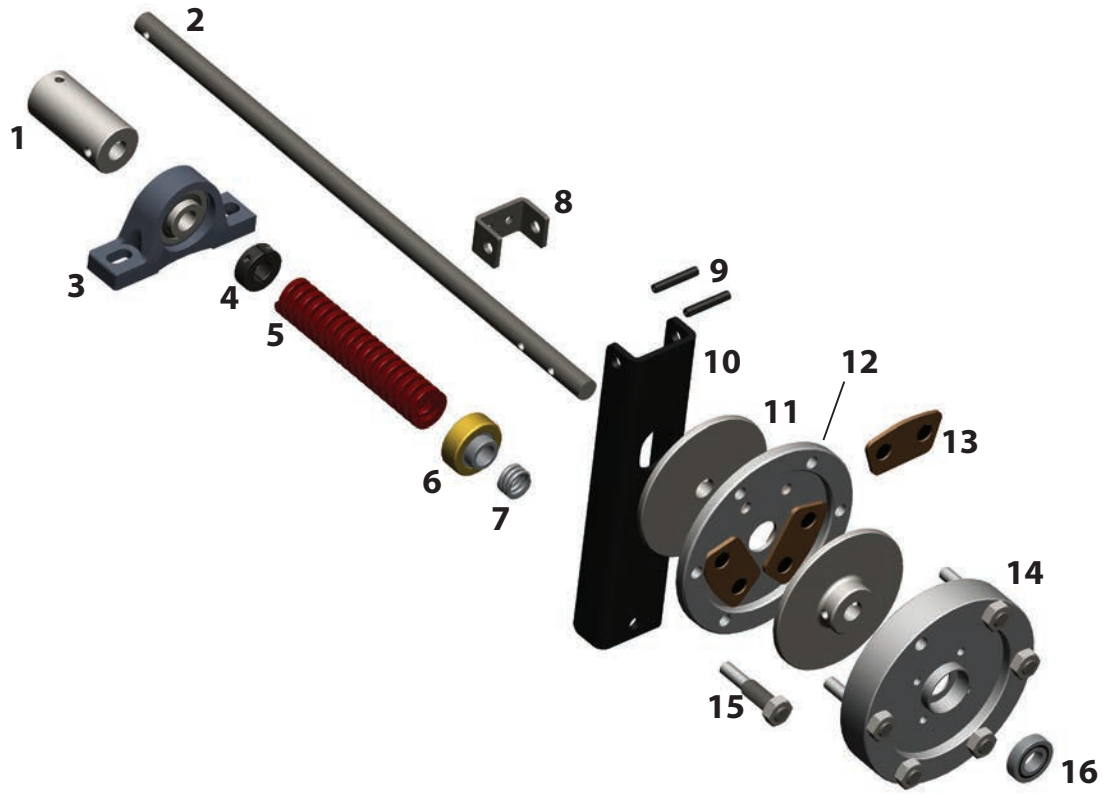
Our Event DVDs is a 2 disc set fully edited with puller names and distances displayed on the video before and after the hook. Other features include: per hook chapters for easy browsing, Ending standings, Sled Cam, Time Lapse.

Our Learn How Now series of DVDs offers clear step by step instructions to help you accomplish the task at hand.

Learn How Now:
2/3 swap transmission assembly.....$20
3 Speed transmission assembly.....$20
4 Speed transmission assembly.....$20
Degree a Cam,(single cylinder or V-Twin).....$20

5% Discount on all orders mailed in with a money order/cashier's check

Clutch & Driveline Parts



See listings 1-16 on pages 14 thru 16 for part numbers, descriptions, options and prices.

5% Discount on all orders mailed in with a money order/cashier's check

Clutch & Driveline Parts

1. 3" Long Driveshaft Coupler - Hardened Steel
(Change top pinion without removing driveshaft.)
Prt No. Coupler **$34.00**

2. 4140 Hardened to 35C Drive Shafts
Comes with holes drilled - except for the hole behind the spring.
Specify model and disc type. $5.00 extra for non-standard lengths up to 24".
For 82 series please order the DSX as lengths varied on these tractors.

Drive Shaft for Narrow Frame Fiber Disc	Prt No. DSNF	**$30.00**
Drive Shaft, Narrow Frame Fiber Disc to be used with 3" coupler	Prt No. DSNFC	**$30.00**
Drive Shaft, Narrow Frame Metallic Disc be used with 3" coupler	Prt No. DSNMC	**$30.00**
Drive Shaft, Wide Frame Fiber Disc	Prt No. DSWF	**$30.00**
Drive Shaft, Wide Frame Fiber Disc to be used with 3" coupler	Prt No. DSWFC	**$30.00**
Drive Shaft, Wide Frame Metallic Disc	Prt No. DSWM	**$30.00**
Drive Shaft, Wide Frame Metallic Disc to be used with 3" coupler	Prt No. DSWMC	**$30.00**
Drive Shaft extra length, 24" long does not have hole behind spring drilled -- use a split collar instead. Rear hole is not drilled, use COOLANT when putting this hole in.	Prt No. DSX	**$35.00**

3. High Quality Center Support Bearings
With eccentric lock.
Prt No. CSB **$36.75**

4. Driveshaft Split Collar
For 5/8" driveshaft. Split collar locks to driveshaft to hold clutch spring firmly in place. Eliminates need for roll pin behind spring, the spot where most drive shaft failures occur. One split collar needed for a red spring, two for a yellow spring.
Prt No. SC **$6.10**

5. Heavy Duty Clutch Springs
(#800-red to #1120-yellow)
Prt No. HDR (Red Spring) **$31.30**
Prt No. HDY (Yellow Spring) **$33.30**

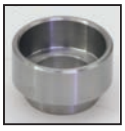
The red spring is used in stock, stock altered, and 30 cubes.
Yellow is for pro and super stocks.
Both are 6" springs and compress to 4.5".

6a. Throw Out Bearings for Cub Cadet
Prt No. TO1 **$55.00**

6b. Throw Out Bearings for 582 Cub Cadet
Prt No. TO1582 **$59.20**

7a. Teaser Spring for Cub Cadet
Prt No. Teaser **$5.18**

7b. Teaser Spring cup for 582 Cub Cadet
Prt No. T-Cup **$14.00**



Clutch & Driveline Parts

8. Hanger Bracket for the Narrow Frame Cub Cadet Release Arm — Prt No. Bracket — **$10.50**

9. Spiral Driveshaft Pin 1/4" x 1 1/2" Long — Prt No. SP1 — **$2.00**
Priced individually.

10. Heavy Duty Cub Cadet Release Arms

Narrow, Wide, and 582. Please specify.

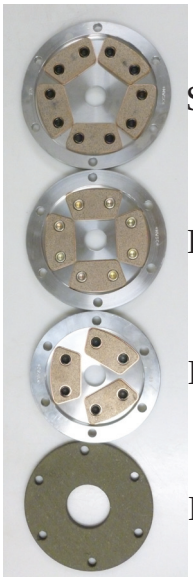
These arms are made longer and stronger than stock. To be used with red or yellow springs.

Prt No. HDRA-N | Prt No. HDRA-W | Prt No. HDRA-582 — **$55.00**

11. One Piece Billet Steel Clutch Pressure Plates
For great improvement over the stock plates; will not warp like stock.

3-Puck Clutch Prt No. PP — **$59.50/pr.**
4-Puck Clutch Prt No. HDPP — **$71.25**
5-Puck Clutch Prt No. SHDPP — **$88.75**

12.



SHDMD
HDMD
MD
KD

Metallic Clutch Disc
Made with three metallic pucks on each side mounted on an 1/8" aluminum disc. Holds twice as much as Stock Disc. This disc is also thicker than a Stock Disc and a new drive shaft is required.

Prt No. MD — **$92.70**
Prt No. HDMD — **$103.00**
Prt No. SHDMD — **$113.00**

Kevlar/Fiberglass Composite Clutch Disc
This clutch disc is a metallic impregnated Kevlar/fiberglass composite clutch disc. It has about 85% of holding power to our metallic disc. Drop in replacement for the stock fiber disc. Great for stock and stock-altered pullers.

Prt No. KD — **$37.85**

CC-F with KD — **$251.50**
CC1-F with KD — **$339.00**

13. Metallic Clutch Pucks
Includes rivets. Sold individually. We will put new pucks on your Midwest disc. Just drill out rivets, remove puck, and mail it to us. We will replace with new pucks at $4.90 plus shipping cost back to you.

Prt No. CP — **$4.90 each**

5% Discount on all orders mailed in with a money order/cashier's check

Clutch & Driveline Parts

14. Six Lug Clutch Driver - Aluminum
Clutch driver replaces stock driver. Can be used with stock disc, KD or MD. Includes drive pins (6).
Use 3 or all 6 pins loctite and nut goes on flywheel side of drive. Bolt nuts on side where you can see bearings.

Prt No. CDI **$91.90**
Prt No. HDCDI **$101.00**
Prt No. SHDCDI **$119.00**

15. Drive Pins with Nuts — Prt No. DP — **$3.35 each**

16. Bearing for Clutch Driver — Prt No. H20566 — **$7.70**

CHC Command & 4 Bolt Kohler

Billet Aluminum Clutch Hub for Command and for newer Kohler 1-cyl with four bolts on 3" Center-to-Center Flywheels with 1.875 raised center. (Also fits some Briggs Vanguard.) Comes drilled with 5/16 holes, customer can drill to 3/8 if needed.

Prt No. CHC **$55.15**

Bolts for Clutch Hubs (4) — Prt No. Bolts — **$4.20**

Clutch Hub for K-Series Dowel Pin
Billet Aluminum Clutch Hub (replaces cast aluminum hub). With 4 bolts on 3" center to center flywheels. Use dowel pin or bolts, not both.

Prt No. Clutch Hub/ Dowel Pin **$52.50**

Adapter Step Washer
To mount Billet Clutch Hub onto Magnum Kohler Crank with 3/8" bolt instead of threaded crank end. To be used with MSC Clutch Hub (Prt No. Clutch Hub for K-Series).

Prt No. SW **$10.00**

Drive Shaft - Original Cub — Prt No. DS-O — **$90.00**

Midwest Super Cub Gift Certificates available now!

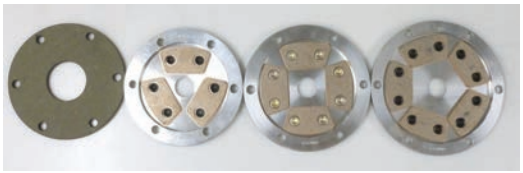
Just give us a call at 888-414-6983

Clutch & Driveline Parts

Note: Our Complete Clutches are assembled using all our aftermarket parts. CC and CC1 come with our metallic disk. CC-F and CC1-F come with the Kevlar disk.

Clutches Rated for Horse Power

	Red Spring	Yellow Spring
CC-F	20 HP	30 HP
CC	40 HP	50 HP
HDCC	50 HP	75 HP
SHDCC	90 HP	120 HP



Complete Clutch — Prt No. CC — **$286.75**

Shaft, spring, HD Arm, brg, pressure plates, our metallic disc.
Does not include the 6 finger driver (pg 16) or clutch hub (pg 16).

Also available with our Kevlar Disk. — Prt No. CC-F — **$251.50**

Complete Clutch with Driver — Prt No. CC1 — **$378.50**

Also available with our Kevlar Disk. — Prt No. CC1-F — **$339.00**
Does not include clutch hub (pg 16).

Four Puck Heavy Duty Clutch Kit. — Prt No. HDC — **$281.00**
Comes with larger Driver, larger Pressure Plates, and 4 puck clutch Disc.

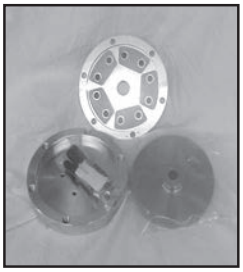
HDMD 4 Puck metallic disk — Prt No. HDMD — **$103.00**

HDCD1 — Prt No. HDCD1 — **$101.00**

HD Pressure Plates — Prt No. HDPP — **$71.25**

Heavy Duty Complete Clutch w/ Driver — Prt No. HDCC1 — **$428.00**
HDCC — **$329.75**

Comes with 4 puck heavy duty disc, pressure plates, driver, shaft, spring, HD Arm, brg, split collar and teaser spring.

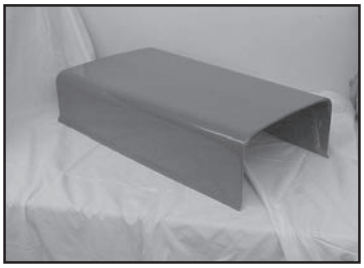


Super Heavy Duty Clutch Kit — Prt No. SHDC — **$313.50**
Comes with Driver, 5 puck clutch disc, pressure plates, and driver pins. (This clutch was developed for our V-Twin Engines for maximum slip engagement for high wheel speed launches.)

SHDCD1 6 finger driver — Prt No. SHDCD1 — **$119.00**
SHDMD 5 puck metallic disk — Prt No. SHDMD — **$113.00**
SHDPP Pressure Plates — Prt No. SHDPP — **$88.75**
Also available as complete clutch assembly. — Prt No. SHDCC1 — **$459.50**

5% Discount on all orders mailed in with a money order/cashier 's check

Chassis Parts



Reinforced Compressed Fiberglass Composite Hood

Prt No. LWHood **$126.75**

For Cub Narrow Frame Grille, 100-126

Hood works best if you use Dzus fasteners to hold hood down onto grille and steering tower, but can be mounted to grille in the conventional way. Narrow Frame only.

Fiberglass Grille

Prt No. Grille **$192.90**

For Narrow Frame Cubs.

This grille is a replica of a Cub Cadet 102-122. Will also work for Cub Cadet 70, 104, 124, 86, 106, 126, etc.
Narrow Frame only.

*Hood does not come painted. Sample part shown.

Fiberglass Hood & Grille Assembly

Prt No. Hood **$293.00**

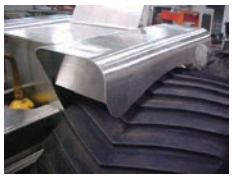
Lightweight fiberglass hood and grille replica for Cub Cadet 08 series Cubs (108, 128, etc). Will also work for the 1000-1650 series Cub Cadet frames.

Total weight ranges from 11 to 13 lbs (a savings of around 40 lbs versus steel and cast iron). Best if used as a one-piece assembly.
Wide Frame only.

Aluminum Seat Box

Prt No. Seat Box **$95.00**

Bolts directly to stock frame and has hinged seat pan. Seat back is 3.5" tall.



Stock Fender

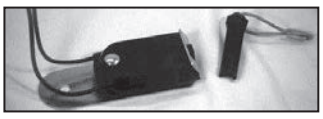
Prt No. Stock Fenders **$125.00**

Resembles 1066 IH design.
Made for stock tractors of lightweight metal. NOT NQS legal.

Rolled Aluminum Fender

Prt No. Fenders **$94.50/pr.**

8" wide x 36" long.



Kill Switch (grounding type)

Comes with wiring diagram that includes directions on how to shut off fuel pump.

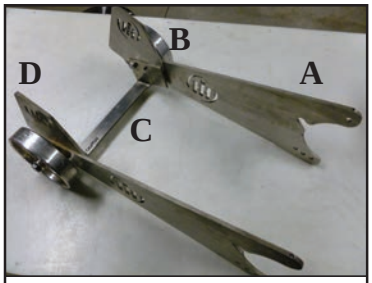
Prt No. KS **$16.55**

High Velocity Cooling Fan

Draws just 2.6 amps - 145 CFM. Measures 3" around and 5" long.

Prt No. CF **$27.60**

Chassis Parts



See details for A, B, C, and D individually below

Wheelie Bar Kits

Wheelie bars and bumber bars IH, cross brace and wheelie wheels of your choice and attaching hardware. Prt No. WB-Kit IH **$210.00**

Plain wheelie bars, bumper bars, a cross brace and your choice of wheelie wheels and attaching hardware. Prt No. WB-Plain Kit **$190.00**

A - Wheelie Bars

Wheelie Bars (your choice of design, lightning bolt or plain)

These are designed to bolt onto the rear axle housings of a Cub Cadet. The bars are made of 1/4" T65-6061 precision plate aluminum and the height is adjustable. The bars come with no holes drilled for your rear wheelie wheels and you must install cross brace on the bars for side support.

Prt No. WB (Lightning Bolt) **$52.50**

Prt No. WB-Plain **$52.50**

Prt No. WBih (IH Symbol) **$63.00**

B - Wheelie Wheels

Billet Wheelie Wheels

1.5"x6" with 1/2" hole to mount.

Plain Spoked Design

Prt No. WBW **$85.00**
Prt No. WBW3 **$85.00**

C - Cross Brace

Wheelie Bar Cross Brace for Cub Cadets

This is an aluminum cross brace for our wheelie bars. Bolts in at rear with bolt to hold the wheelie wheels on and buyer has to install an additional bolt to keep brace rigid.

Prt No. WCB **$31.50**

D - Bumper Bars

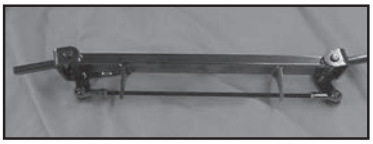
Bumper Bars for Wheelie Bars

An aluminum bumper bar (includes 2 pieces) for our wheelie bars. Bolts in at rear with bolt to hold the wheelie wheels on and buyer has to install an additional bolt to keep bumper bar rigid. (Bumper bars are good protection from sled climbing up on rear of tractor [required in some clubs] and to use as push bar to push tractor around with a 4-wheeler.) Bumpers are 6" high and designed to work with 6" diameter wheelie wheels. Two styles available.

Prt No. WGB (Plain Bumper Bars) **$26.25/pr.**

Prt No. WBBIH (IH Logo BumperBars) **$36.75/pr.**

Chassis Parts



Solid Front Axle

Fits Narrow and Wide frame Cub Cadets (weld on). Comes with spherical ball tie rod ends and bronze bushed king pins. 20" wide, 1"x2" tube axle. Overall length 26". Lowers front end and weighs just 8 lbs.

Does not work on 82 series tractor.

Prt No. Front Axle **$145.00**

Billet Alminum Hitch

(NQS Approved - NQS Document #102098)

Prt No. Hitch **$150.00**

Spring Loaded Pin

You can easily and quickly slide your front weight boom in and out with this spring loaded 3/8" pin. Easily installed; weld bung on front with bracket.

Prt No. SLP **$15.75**

Gas Pedal Kit (includes cable)

Midwest Super Cub designed with bronze bushing and machined slot for silky smooth operation. No more sticky pedals. Comes with 48" cable.

Prt No. GP **$37.80**

Replacement Cable for Gas Pedal

48" Cable	Prt No. Cable	**$17.65**
60" Cable	Prt No. C-60	**$26.65**
96" Cable	Prt No. C-96	**$37.80**

NQS Pulling Suitcase Weights (#10 and #5 Versions)

Made of Cast Iron. These weights are the same size as the older version of the Midwest Super Cub weights sold previously. Available in 10 lbs and 5 lbs.

#10 weights are 1" thick, 7" across top, 3/4" tall, 5/8" slot, 4 3/4" across bottom.

Prt No. WTS **$18.90**

#5 weight is 1/2" thick but is otherwise the same size.

Prt No. WTS5 **$18.90**

Receive **Quantity Discount** when you purchase 10 or more weights (any combination).

Discounted Price per weight: **$16.75**

Aluminum Fake Weight: looks like #10 weight but is only 3 lbs. No quantity discount.
WTA **$17.00**

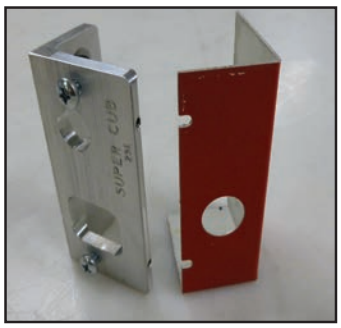
Plastic Weights also available, 1 lb each. No quantity discount.
WTP **$17.00**

Pickup Cash & Carry Price: Save even more if you pick them up yourself!

Price: **$15.00**

5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts



Chevy Points Brackets with Cover
(For points cover sold separately, see below.)

Make points and timing adjustments easily with this Chevy points conversion bracket. Unit replaces points bracket on 8hp through 16hp Kohler engines, enabling you to use Chevy Points. 32 oz. Accel points recommended.

Prt No. PT **$19.00**

Points Cover for Chevy Points Bracket only (comes in red) Prt No. PTC **$6.65**

Accel Points 32 oz.
for Chevy Points Bracket

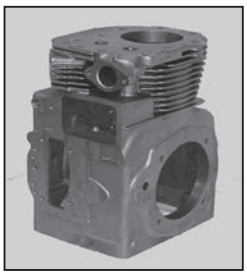
High tension spring prevents points float. Includes Accel High Performance Condenser.

Prt No. Points **$54.00**

1.5" Liquid-Filled Fuel Pressure Gauge

Measures 0 to 15 lbs. Midwest Super Cub brand.

Prt No. FPG **$18.90**



Stock Altered Block

This block replicates the K-341 Kohler block. Features include increased deck strength, more rigid main bearing areas, and ductile iron material. Weighs 61 lbs.

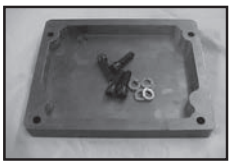
Prt No. SA1 **$853.25**

CenPeCo Gard-N-Go Oil

Specially blended for air-cooled single cylinder engines, and also excellent for V-Twin engines. Will help protect lifters and camshaft in V-Twin engines. Available in 20wt or 30 wt.

(Shipping for case is $22.00)

Prt No. Cenpeco **$6.25/quart**
$75.00/case



Aluminum Oil Pans

Replace your cast pan that leaks with aluminum oil pans. 1-quart size (includes bolts & plug).

Prt No. OP1 **$131.25**

COMBO DEALS

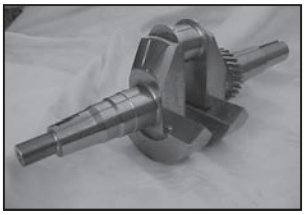
No cash discount on combo deals.* ***These combos are not balanced.* *Balancing available for $125+heavy metal**

Steel Crank (Forged), Rod, and Piston Combo **$520.00**
Billet Crank, Rod, and Piston Combo **$735.00**
Stock Altered Block, Crank Combo (Forged) **$1120.00**

For Billet Crank, add $100.00

5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts



Forged Steel Crankshafts

Available in 3.165", 3.250" (stock stroke) and 3.375". 4340 forged steel crankshaft, large radius journals.

Prt No. C3165
Prt No. C3250
Prt No. C3375

$299.00

Billet Super Duty Available

2.875"	3.500"	3.750"	4.000"
3.000"	3.625"	3.875"	4.090"
3.250"	3.680"	3.937"	

3 year ProRated warranty

Our cranks **do not** have timing marks.

Prt No. B+*Crank Size*

$525.00

Billet Aluminum Connecting Rods

$150.00

From Midwest Super Cub. These connecting rods feature a bearing lock to prevent rod bearing movement. Rod includes dipper. Comes in the following lengths:

5.300" Stock Length 10HP	Stock Length Rod	
5.750"	5.812"	5.875"
5.906"	5.937"	5.968"
6.000"	6.031"	6.125"
6.187"	6.250"	6.145" .669' pin hole (for 10hp with 3.270 or 3.307 piston)

Rod Bearings for Rod (*not pictured)*

Comes with bearing lock hole already drilled. Available in Std., .010, .020, .030.

Prt No. Rod Brg

$16.80

JE Pistons:

Size	*Pin Height*	*Rings* (for 10 hp engine use 6.145" 0.669" rod)
3.270"	1.040"	1.0/1.2/3mm
3.307"	1.040"	1.0/1.2/3mm
3.405"	1.125"	1.0/1.2/3 mm
3.530"	1.125"	
3.775"	1.125"	

Size	*Pin Height*	*Rings*
3.937"	.875	.043/.043/3mm
4.060"	.875"	.043/1/16/3mm
4.125"	.875"	.043/1/16/3mm

Prt No. JE + size + pin height **$182.70** each

Diamond Pistons:

Size	*Pin Height*	*Rings*	
3.405"	0.875"	1.0/1.2/2.8 mm	**$199.99**
3.775"	0.875"	1.0/1.2/2.0 mm	**$199.99**
3.812"	1.125"	1.5/1.5/3.0 mm	**$199.99**
3.825"	0.875"	1.0/1.5/3.0 mm	**$228.90**

3.825" ONLY FEATURES:
Ceramic coated top
Molycoated skirts
Gas ported

5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts

Ceramic Coatings:

Piston Top	**$27.50**	Ports	**$42.00 each**
Cylinder Head	**$39.00**	Ceramic Micro-Slick Coating applied to Skirts	**$26.00**
Valves	**$20.00 each**		

Balancing Rotating Assembly

For 1 cylinder and V-Twins. Piston, rod, rod bearing and crank, plus heavy metal. Heavy Metal - Priced per slug.

Prt No. Balancing	**$131.25**
3/4" x 1" Heavy Metal	**$42.00**
3/4" x 1.2" Heavy Metal	**$44.10**

Crank Nut

Prt No. Crank Nut **$5.25**

Replacement Rod Bolts

Sold individually.

Prt No. Rod Bolt **$10.50**

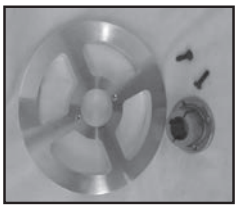
JE Spiral Locks

Priced per pair.

Prt No. 866-063-MW **$4.50**

Bore and Hone Single Cylinder Block

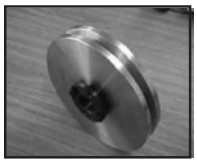
Prt No. Bore & Hone **$52.50**



7.5" Aluminum Front Engine Pulley

Includes Pulley Bushing.
Available 1", 1.125", or 1.250" shaft size -- ***Please*** specify. MSC cranks take 1.250".

Prt No. FPP **$78.75**



7.5" Billet Heavy Steel Pulley

Weighs 14 lbs. Includes Pulley Bushing.

Prt No. FP-H **$105.00**

Pulley Bushing sold seperately

Available 1", 1.125", 1.250". MSC Crank takes 1.250".

Prt No. PB **$11.50**

Crank Trigger Ignition

Prt No. EI **$94.50**

For Single Cylinder Engines. Kit includes magnet ring, bracket, and module. Easy hook up. Buyer must specify diameter of PTO end of crank at the block. MWSC steel crank requires a 1.5" magnet ring.

This ignition module has been tested on our 1-cylinder engines for the past several years. Fits Kohler and MWSC after-marker blocks. Must be used with 3 ohm coil.

NEW Super Coil

High output, Internal Resistor.
3 ohm coil. Replaces Bosch Coil.

Prt No. Coil **$60.00**

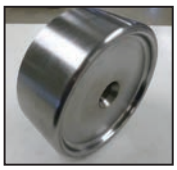
Voodoo Dual Fire Coil

Replaces the Harley Coil.

Prt. No. Voodoo1 **$84.00**

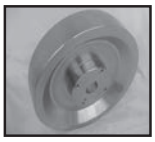
5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts



Governed Flywheel — Prt No. F37 — **$145.00**
8" flywheel weighs 37 lbs. To be used on a governed motor, also works well on Stock Altered and Lite Pros.

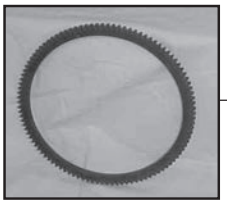
Large Steel Flywheels for Ring Gear Starters — Prt No. F19 — **$140.00**
Weighs 19 lbs with ring gear comparable to stock flywheel weight.



Large Heavy Steel Flywheel for Stock and Stock Altered — Prt No. F25 — **$150.00**
Has step for your ring gear. A little heaver than stock for more upperend power.

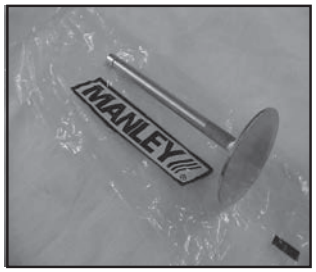
8" Steel Flywheel — Prt No. F20 — **$130.00**
Weighs 20 lbs. Does NOT accept ring gear.

1-Cylinder Kohler Magnum Steel Flywheel for Ring Gear — Prt No. FM — **$199.50**
Does not include magnet, use one off stock flywheel. Weighs 17 lbs.



Replacement Starter Ring Gear for K-Series Flywheel — Prt No. SRG — **$65.00**

Hardened Steel Dowel Pins for K-Series Kohler Flywheels *(not pictured)* — **$0.55/ea**



Manley Gen II Stainless Steel Valves - Fits Kohler 1cyl

Intake Valve 2.035"	Prt No. SS21	**$47.25**
Exhaust Valve 1.625"	Prt No. SS1625	**$47.25**
Intake/Exhaust Valve 1.380"	Prt No. SS138O	**$47.25**
Exhaust Valve 1.125"	Prt No. SS125X	**$47.25**

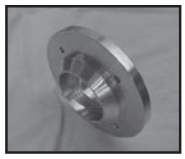
Titanium Valves:

Intake Valve 2.035"	Prt No. TV21	**$99.75**
Exhaust Valve 1.625"	Prt No. TV1625	**$99.75**
Intake Valve 1.380"	Prt No. TV138I	**$99.75**
Exhaust Valve 1.380"	Prt No. TV138X	**$99.75**

5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts

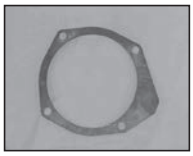
Bronze Offset Valve Guides — Prt No. Guide — **$25.00/pr.**
For 1 cyl. Kohler Engines. Hard Bronze offset guide moves valve .085" from center line of existing hole. No machine work necessary to install. Gain performance by moving the valves closer to the cylinder and closer together for a tighter combustion and chamber.



Aluminum Bearing Closure Plate *(pictured)* — Prt No. BCP — **$131.25**

Double Bearing Cup — Prt No. DBC — **$49.65**
Front and rear available. Goes on crank.

Bearings for Bearing Cup — Prt No. Double Bearing — **$15.75**
(Front and rear bearings. Please specify.)

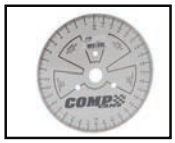


Copper Side Closure Plate Gasket — Prt No. CPG — **$15.75**
This gasket takes the place of the thick stock gasket. Re-usable, never needs replacing. 0.031" thick.

12 Main Ball Bearing — Prt No. MB12 — **$74.60 each**
Top quality USA made. Higher strength and less rolling resistance than stock.

Import 8 Main Ball Bearing — Prt No. MB8 — **$16.00 each**

Steel Adjustable Cam Gears — Prt No. CG — **$52.50**
Fits Midwest, Lakota, Nichols, and Vogel steel camshafts.



9" Degree Wheel — Prt No. DW — **$24.30**
White background, black lettering. These wheels provide exceptional precision and accuracy.

Billet Aluminum Cam Cover with Oil Fill — Prt No. Cam Cover — **$56.70**
Fits all K-Series Single Cylinder Kohler engines.

DVD: How to Degree a Cam for 1-Cylinder — Prt No. Degree a Cam 1 — **$20.00**

5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts

Steel Camshaft Blank

Fits MSC, Lakota, Nichols style cam pins.

Prt No. Cam Blank **$68.25**

Pin Through Style Camshaft Blank — Prt No. Cam Blank PT **$70.00**

Hardened CamPin for Pin Through Cams **$14.00**

Dual Valve Spring

Reverse Wound, comes with aluminum retainers and steel valve locks. Use only the outer spring for cast iron cams and both springs for steel cams. Eliminates valve float.

Prt No. Spring **$29.40/pr.**

Aluminum Tappet Cover Plate with Gasket

1/8" pipe tapped hole.

Prt No. TCA **$10.50**

Large Base Lifter

For camshaft lifts under .575". Fits 1-cylinder Kohler engines; 1.280" face diameter.
Includes large head adjuster.

Prt No. LBL **$47.25/ea.**

Super Large Base Kohler Lifters

For camshafts over .570" lift. 1.500" diameter head. Super Finished. Adjusters sold separately.

Prt No. SLBL **$47.25/ea.**

Large Head Lifter Adjusters

With 9/16" head diameter for offset valves. Larger than the stock adjusters. A must for many engines with relocated valve locations. Works just like a stock adjustor, no jamb nut to mess with.

Prt No. LHA **$16.80/pr.**

COMPUTER CD WITH THREE PROGRAMS FOR MICROSOFT EXCEL

1.) Cub Gear Ratio Chart, calculates for different tire size and RPM. You plug in your information.
2.) Rod Length Chart, calculates for any rod, crank, piston and deck height, change it to match your combination.
3.) Kohler Engine Chart, calculates Cubic Inch, CC's, compression ratio, rod angle ratio, compression distance and rod length. Set up for any single cylinder motor. Allows any stroke and bore.

SEE WEBSITE TO USE THIS FOR FREE: Go to www.midwestsupercub.net and see sidebar

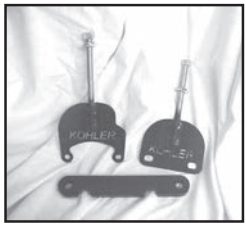
5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts

Port Support Plate for 1-cyl Kohler Engines

A 1/4" thick aluminum plate that bolts on the side of the Kohler engine to support the port on large port/large valve engines.

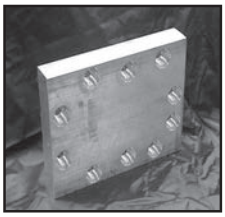
Prt No. PS **$28.00**



1-cyl Kohler Head Hold Down

Please specify if it is a 10-14 hp or a 16hp engine, and if it is a stock plate or billet closure.

Prt No. HHD **$47.25**

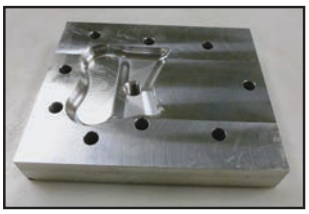


Billet Aluminum Head Blanks

For 10-12-14 and 16 hp Kohlers. These heads come with the head bold pattern drilled and counter bored. Virgin mill T-65 6061 heat-treated aluminum. Try your own hand at creating the ultimate head.

Prt No. HB12 (10,12,14) **$49.65**

Prt No. HB16 (16hp)



Billet Aluminum Head with CNC combustion chamber.

Head is machined for stock size valves with a .330" lift cam. Buyer must specify 10-12HP, 14HP or 16HP. Includes spark plug hole over edge of bore.

Prt No. CNC HEAD *Please Specify Size* **$85.00**

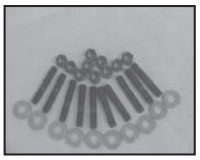
Plain Head Blanks

Prt No. HB12 **$49.65**
Prt No. HB16 **$49.65**

Copper Head Gaskets for 10-12-14-16

.031" thick
Prt No. HG 3112 (10-14 hp) **$14.70**
Prt No. HG 3116 (16 hp) **$14.70**

.062" thick
Prt No. HG 6212 (10-14 hp) **$21.00**
Prt No. HG 6216 (16 hp) **$21.00**



Head Stud Kit

Includes 10 studs, washer, nuts.

Prt No. StudKit16 **$28.35**

Fuel Tank

Plastic 2.5 quart fuel tank with bottom 3/8" feed nipple and a 5/16" nipple top return line. Comes with wire mounting rack, lid, and fuel line.

Prt No. PFT **$26.25**

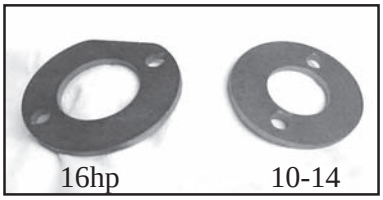
Fuel Line.

3/8" plastic line. Will water test. Priced by the foot.

Prt No. Fuel Line **$1.00/foot**

5% Discount on all orders mailed in with a money order/cashier's check

Single Cylinder Engine Parts

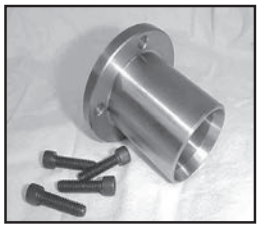


Economy Exhaust Flanges

For the do-it-yourself person. For 10hp - 14hp and 16hp Kohler Engines. Bolts onto the engine and a pipe can be welded to the flange. EXF 12 comes with copper gasket.

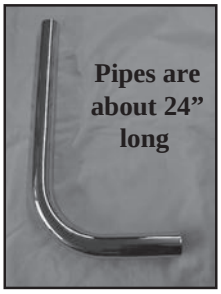
Prt No. EXF 12 - 10 - 14hp **$10.50**

Prt No. EXF 16 - 16hp **$10.50**



Exhaust Flanges: with Bolts

10-14hp Kohler w/ copper gasket *(left)* Prt No. XF12 **$35.00**
16hp Kohler *(middle)* Prt No. XF16 **$36.75**
Aftermarket Blocks *(right)* Prt No. XF34 **$31.50**



Chrome Exhaust Pipes

1 3/8" ID, 1 5/8" ID and 1 3/4" ID. Mandrel bent chrome plated mild steel tubing.

Prt No. XP38 (10-14 HP) **$52.50**
Prt No. XP58 (16 HP)
Prt No. XP34 (Aftermarket)

Plain Mandrel Bent Pipe

Prt No. Pipe38 (10-14 HP) **$21.00**
Prt No. Pipe58 (16 HP)
Prt No. Pipe34 (Aftermarket)

Exhaust Pipe Covers

Various Colors: Red, Black, Yellow, JD Green, Blue, Purple, Pink, and Orange

Prt No. XPC **$10.50**

Carb Covers

Vinyl dust covers with an elastic edge to securely hold cover in place, even on open trailers. Comes in two sizes. The 3" cover fits our velocity stack as well as the Lakota carbs, Nichols carbs and Vogel carbs. The 4" cover fits the S&S Super D carbs.

3" Covers Prt No. DC3 **$3.15**
4" Covers Prt No. DC4 **$4.20**

Various Colors Available: Red, Black, Yellow, JD Green, Blue, Purple and Pink

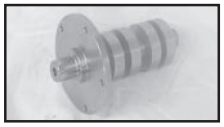
5% Discount on all orders mailed in with a money order/cashier's check

Diesel Parts

Yanmar Flywheel for TNE 78 and TNE 72 — Prt No. FY78 — **$325.00**
Billet steel flywheel for 3 cylinder TNE engines (72ci and 78 ci). Accepts stock starter ring gear. Flywheel is also drilled for the MWSC Super Heavy Duty clutch disc (10 pucks). — Prt No. FY72 — **$325.00**

V-Twin Engine Parts

Kohler Command Steel Adjustable Flywheel — Prt No. FC — **$288.75**
Easily adjust your timing without the hassle of making offset keys. Uses stock magnet and ring gear off the original flywheel. Weighs 22 lbs.



Kohler Command Steel Camshaft Blank
Prt No. CCB — **$115.50**

Kohler Command Adjustable Steel Cam Gear
Make any cam adjustable. Fits our steel cam blank, or you can machine your stock cam to fit.
Prt No. CCG — **$78.75**

Roller Lifter with a Horizonal Tie-Bar — Prt No. RL-H — **$136.00**
Does not require any machine work to install.

Kohler Command Roller Lifters — Prt No. RL-V (Set of 4) — **$130.00**
Installer will have to machine the block to clear roller lifters.

Lash Caps
Available 7mm or 5/16". Protects stem from wear of roller rocker. 7mm is stock, size 5/6" is aftermarket.
Prt No. Lash Cap — **$16.80 per set**

Head and Front Cover Locating Pins (6)
Six needed.
Prt No. 1238003 — **$11.15 per set**

Kohler Command Steel Crankshaft Gear — Prt No. CCG — **$52.50**
Designed for our steel crankshaft and stock crankshafts. No degree mark to be used with adj. cam gear.

V-Twin Engine Parts

Kohler Command Billet Steel Crankshaft

2.385" Stroke	Prt No. C23	**$682.00**
2.490" Stroke	Prt No. C24	**$682.00**
2.525" Stroke	Prt No. C25	**$682.00**
2.640" Stock Stroke	Prt No. C26	**$682.00**
3" Stroker Crank	Prt No. C28	**$682.00**
3.120" Stroker Crank	Prt No. C3120	**$682.00**
3.220" Stroker Crank	Prt No. C3220	**$682.00**

JE Piston Custom Forged Billet

JE Pistons for Command Engines (Sold in Pairs)

$294.00/pr

Comes with Piston, rings, wrist pins and clips

1.040 Pin height for V-Rod
.750 Pin for V-Rod-290

Size	Pin Height	Rings
3.032"	1.040"	3 rings
3.032"	.750"	3 rings
3.051"	1.040"	3 rings
3.071"	.750"	3 rings
3.110"	.750"	3 rings
3.150"	1.040"	3 rings
3.189"	.750"	3 rings
3.228"	.750"	3 rings
3.270"	1.040"	3 rings
3.270"	.750"	3 rings
3.307"	1.040"	3 rings
3.307"	.750"	3 rings
3.327"	.750"	3 rings
3.375"	1.040"	3 rings
3,375"	.750"	2 rings
3.385"	.750"	2 rings
3.583"	1.040"	3 rings
3.583"	.750"	3 rings
3.622"	.750"	3 rings

Rod Bearing for MSC Command Rods

Standard only available. Sold in pairs.

Prt No. Rod Brg-C **$48.25**

Kohler Command Billet Connecting Rods

These rods are machined for our replacement rod bearings (Rod Brg C). Rods are available in the following lengths:

$231.00/ pair

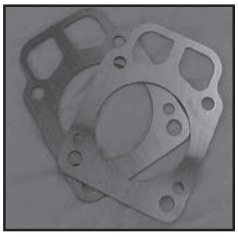
4.495" Stock length replacement	Prt No. VRod4495
4.545" used with 3.120" stock crank w/.750" PH piston	Prt No. VRod4545
4.605" used with 3.000" stroke crank w/.750" PH piston	Prt No. VRod4605-Stroker
4.785" +.290" to be used with .750" PH piston	Prt No. VRod4785-290
4.843" used with 2.525" stroke crank w/.750" PH piston	Prt No. VRod4843
4.913" used with 2.385" stroke crank w/.750" PH piston	Prt No. VRod4913

V-Twin Engine Parts

Economy Rods

All economy rods have lighter weight design for motors with less than 8,500 RPM and come with standard socket head cap screws. All economy rods priced per pair. Uses standard rod bearing: Rod Brg-C

Economy Rods for V-Twin, used withStroker Crank	Prt No. Economy V-Rod Stroker	**$140.00/pr.**
Economy Rods for V-Twin 290 Length	Prt No. Economy V-Rod 290	**$140.00/pr.**
Economy Rods for V-Twin Stock Length	Prt No. Economy V-Rod Stock	**$140.00/pr.**



Kohler Command Copper Head Gaskets — Prt No. HGC31 — **$18.90/pr.**
0.031" thick. Available 18-22hp, 25hp, 3.375, 3.583 bore

.062" Copper Head Gaskets for Command — Prt No. HGC62 — **$27.30/pr.**
These thicker head gaskets are good to use for gaininga little more clearance for valve to piston clearance on bigger camshafts. Available in 3 sizes for 18hp-22hp, 25hp, and 3.375" bore.

SS Valves for Command Stock. — Prt No. CSSX/ CSSX1 — **$94.50/pr.**
Stock length and .300" longer for our double spring kit.

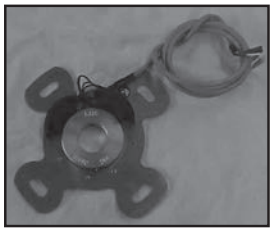
Titanim Valves Command — Prt No. TIValve — **$199.50/pr.**

Kohler Command Valve Springs — Prt No. CVS — **$50.40**
Stronger than stock springs.

Double Springs *(not pictured)* — Prt No. DVS — **$67.20**
For .300" longer valves. Locators now included.

Adjustable Rocker Stud Kit for Kohler Command V-Twin Engine — Prt No. RK4A — **$57.75**

Kit eliminates the need for adjustable push rods. Uses a proven design used in V-8 racing engines, helps stabilize pushrods and rockers by use of the push rod guide plate. No machining equired, drop in fit. Perfect for stock and stock altered V-twins. Made for use with stock length valves, works great with our heavier single springs (CVS). Kit includes 4 rocker studs, 4 fulcrums, 4 poly nut adjusters and 2 pushrod guide plates.



Crank Trigger Ignition for Kohler Command V-Twin Engines — Prt No. EI-VTwin — **$168.00**

Kit includes magnet ring, bracket and modules. Easy hook up. Buyer must specify diameter of PTO end of crank at the block. MWSC steel crank requires a 1.5" magnet ring. Also must specify bolt circle on front of the block for the module bracket to bolt on (5" or 5 5/8"). This crank trigger should be used with 2 coils or Dyna Coil packs listed on page 36 (recommended). This ignition set-up has been tested on our V-Twin engines for the past 2 years.

5% Discount on all orders mailed in with a money order/cashier's check

V-Twin Engine Parts

Velocity Stack — Prt No. VelocityStack — **$55.00**

For stock Kohler Command Carburetors. Increases flow by over 20% and increased horsepower. Accepts K&N Air Filter, Part No. KN, page 36.

Economy Exhaust Flange — Prt No. EFC

For Kohler Command. Includes gaskets. **$17.85/pr.**

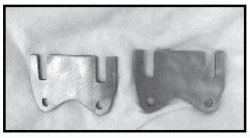
Command Intake Flange — Prt No. IntakeFlanges

Includes gaskets. **$15.00/pr**

Made in USA

Kohler Command Cast Valve Covers — Prt No. VC — **$82.00**

With O-ring and stainless steel bolts. No more leaks from valve cover spacers. Designed to clear most all roller rocker set ps.



Pushrod Guide Plates for Command Heads

Prt No. Guide Plate **$15.75/pr.**

Bronze Valve Guides

1/2" OD. 7mm ID. Needs 4.

Prt No. VG **$30.40 set**

Stock Kohler Closed Chambered Head for Commands — Prt No. Closed C Heads — **$258.94**

Increase compression. Priced per pair.

DT64K - 6 Function 2 Digital and 4 temps comes with 1 TACH, plus 2 Temp Sensors — **$599.00**

TACH Sensors — **$29.00**

Exhaust Gas Sensor — **$65.00**

Cylinder Head Sensor — **$49.00**

DIGATRON Made In USA

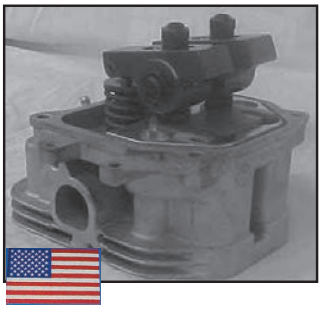
Performance Data Acquisition Systems

Experience the best in Data Acquisition with the new Digatron DT– 64 series and our new FT-64 Fuel Tester

Customer Service (509) 467-3128

See us at www.Digatronusa.com

V-Twin Engine Parts

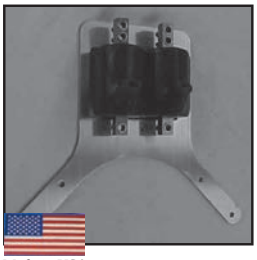


Made in USA

Kohler Command Aluminum Roller Rocker Kit

Includes four 1.6 ratio roller rockers, four screw in studs, four adjusters, two head inserts (secured by head bolts), and two longer head bolts. Reqires some machining on head and use of .300" longer valves. Use with valve covers listed above. Includes Lash Caps.

Prt No. RR Economy Kit **$142.80/pr.**



Made in USA

Voodoo Coil Pack (Green) and Aluminum Bracket -- bracket bolts on in place of Factory V-Twin Coils

Prt No. EI-VTwin Coils **$210.00**

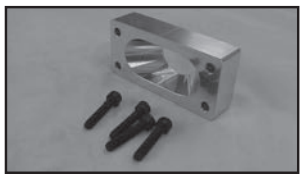
Bracket designed to work with 2 barrell or aftermarket intake manifold. (Will not work with stock 18hp to 27hp intake manifold.)

These Voodoo coils are widely used in high performance motorcycles including G2 S&S Pro Stock NHRA Drag Bike. These coils have been tested on our V-Twin engines for the past several years.

Voodoo Coil Pack (Green) and Aluminum Bracket -- bracket bolts onto front cover

Prt No. EI-VTwin Stock **$210.00**

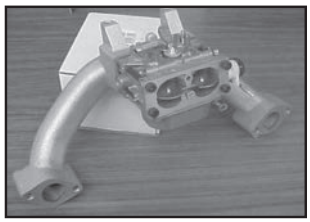
Will work with stock 18hp to 27hp intake mainfold. These coils have been tested on our V-Twin engines for the past several years.



Plenum Adaptor

From 2barrel manifold to adapt 1.2" one cylinder Kohler carb.

Prt No. Plenum - 1 **$94.50**

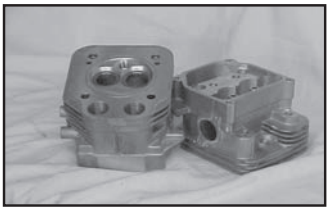


Kohler Command 24 mm 2-barrel Carb and Manifold

For the CH series (horizontal crank). This is a stock factory part, perfect for the stock and stock V-Twin classes where OEM parts are required.

Carb - 2 **$299.30**

Manifold - 2 Barrell **$120.16**



MSC Pro V-Twin Cast Cylinder Heads

Features include raised port runner, set-up for small block chevy studs, rockers and springs. 5/16" stems with stock1cyl. Kohler valve length. Uses stock valve cover. 356 T6 Aluminum.

Bare Heads	Prt No. Head Pro V-Twin-Bare	**$571.05**
Complete Heads	Prt No. Pro V-Twin Head Complete	**$2240.00/pr**

V-Twin Engine Parts

Standard

Ported

NEW Cast Aluminum Intake for Stock Heads

Intake accepts a 1.200" carb with no adaptors. Carb intake flange is tipped upward for clearance past clutch if put on the traditional way and if you run with your heads flipped around it will clear the front start pulley. Available in 2 versions.

The standard version has the inside of the tube finished as casted, which is the same size as the 2 barrel intake.

Standard Intake: **$215.00**
Prt No. VT Intake S

The second version is fully ported to match your ported cylinder heads. The 2-piece design allows you to finish the intake as you like and be able to port match it perfectly to your cylinder heads.

Fully Ported Intake: **$285.00**
Prt No. VT Intake P

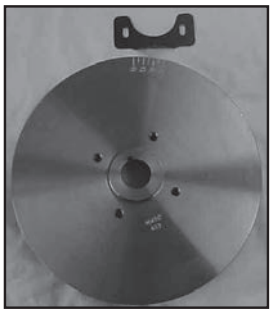
Based upon our dyno testing of these intakes versus any of the other stock intakes we have seen gains of 10 to 15 hp over the 2 barrel intake with the fully ported version and about 10% to 15% for the standard version.

Kohler Command Cam Degree Tool — Prt No. Degree Tool — **$31.50**

Patent Pending on this easy-to-use tool to degree your camshaft in on your Command V-Twin. Also can check the end play on the cam and crankshaft with this tool. Made of high strength grade 1/2" aluminum.

Also available for Big Twin: — Pt No. BT-Degree — **$36.75**

9" Degree Wheel — Prt No. DW — **$24.30**
White background with black lettering. Provides exceptional precision and accuracy.



Kohler Command V-Twin Non-Adjustable Steel Flywheel — Prt No. FC32 — **$183.75**

To be used with our crank trigger ignition. Flywheel is degreed and includes a timing pointer which bolts onto the block where the stock coils were mounted.

PURCHASE BOTH the FC32 flywheel and the EI-VTWin — Prt No. FC32A — **$351.75**

PURCHASE THE COMPLETE Crank Trigger Setup. Kit includes the Crank Trigger Kit and the Dyna Coil Kit and F32 — Prt No. FC32-Kit — **$561.75**

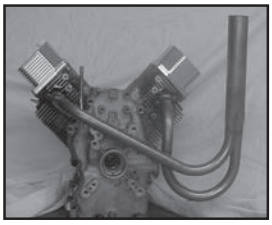
V-Twin Engine Parts

Note: All pipes measurements for twins are **outside diameters.**

Command 2 into 1 Header Systems - Middle Exit

For Kohler Command. Choice of sizes 1 1/8, 1 1/4, 1 3/8. Includes copper gaskets.

Prt No. Manifold-MiddleX **$99.55**

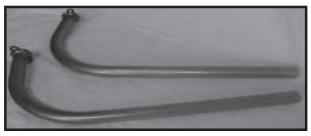


Command 2 into 1 Header Systems - Side Exit

For Kohler Command. Choice of sizes 1 1/8, 1 1/4, 1 3/8. Includes copper gaskets.

Special Order Headers - **$180.00**

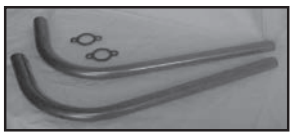
Prt No. Manifold-SideX **$168.00**



Command Zoomie Header

Flanges are welded on pipes. Choice of sizes 1 1/8, 1 1/4, 1 3/8. Includes copper gaskets.

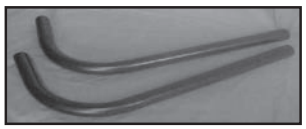
Prt No. Zoomies **$53.55/pr.**



Command Zoomie Do-It-Yourself Kit

Choice of sizes 1 1/8, 1 1/4, 1 3/8. Includes flanges and gaskets.

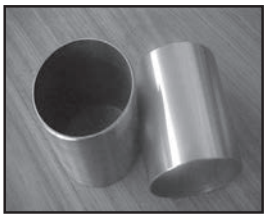
Prt No. ZoomieDIY **$37.80/kit**



Command Zoomie Pipes ONLY

Choice of sizes 1 1/8, 1 1/4, 1 3/8.

Prt No. Zoomies Pipe **$21.00**



Kohler Command Engine Sleeves

For 3.270 bore (25hp) and 3.307 bore. Use to sleeve your 18 to 22hp engine to the larger bore or to repair your worn-out bore.

We can do the machine work, install the sleeve, and finish bore and hone for **$262.00.**

Prt No. Sleeves **$63.00/pr.**

5% Discount on all orders mailed in with a money order/cashier's check

V-Twin Engine Parts & Services

Rubber O-Ring for Valve Covers	Prt No. 24153	**$8.95 each**
Cut Head for O-Ring Material	Prt No. O-Ring	**$42.00**
Copper O-Ring Material for Head	Prt No. CO-Ring	**$10.50**
Port and Polish Heads Does not include assembly or parts.	Prt No. Port & Polish	**$183.75**
Command Bored and Sleeved Block for Customer	Prt No. Sleeved	**$262.50**
V-Twin Bore and Hone		**$60.00**
Big Bore Command Nicom Bore	Prt No. Nicom Bore	**$367.50**

Racer Flywheels for V-Twin Kohler Command Engines

Billet Aluminum Adjustable Flywheel for V-Twin Kohler Command — Prt No. RAF — **$175.00**

Fits 18hp to 30hp engines, both horizontal and vertical configurations. Weighs 8 lbs. and is fully adjustable timing. Install your magnet and starter ring gear. Increased acceleration over stock flywheels and added safety.

If cooling is needed, add the **Billet Aluminum Cooling Fan** to the flywheel. This fan bolts directly onto the flywheel. Weighs just 2 lbs. — Prt No. ACF — **$160.00**

Billet Aluminum Electronic Ignition Flywheel Assembly for V-Twin Kohler Command

Fits 18hp to 30hp Kohler Command V-Twin engines, both horizontal and vertical configurations. Weighs 3.5 lbs and just install your starter ring gear.

The **Complete Kit** comes with the flywheel, Billet Aluminum Cooling Fan, modules and bracket, and two Voodoo Coils and mounting bracket. — Prt No. REF-C — **$515.00**

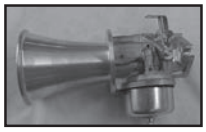
The **DIY kit** comes with the flywheel, billet cooling fan and modules. Purchaser will need to mount their 3 ohm coils. — Prt No. REF-DIY — **$315.00**

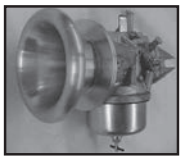
Used Parts

Used Stock Cub Cadet Ring and Pinion For Internal Brake Cubs.	Prt No. Used R&P	**$131.25**
Carrier and Axle Stock Axles only 1 PR No longer available from Cub Cadet.	Carrier Axles	**$52.50** **$30.00**

5% Discount on all orders mailed in with a money order/cashier's check

Carbs & Parts





Carb Casting 1.200" and 1.000" NQS Legal Kohler Carbs

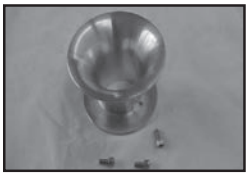
Set up for alcohol or gas. 1.200" venturi with 1.530" carb butterfly. 1.000" venturi with 1.300" butterfly with aluminum velocity stack.

1.2 Alcohol Carb	Prt# Carb-A	**$311.85**
1.2 Gas Carb	Prt# Carb-G	**$290.85**
1.0 Alcohol Carb	Prt# Carb-A1	**$311.85**
1.0 Gas Carb	Prt# Carb-G1	**$290.85**
Carb Gasket	Prt# Carb-Gasket	**$2.10/ea.**

One Inch Ram Tube - NQS Approved

Prt No. RT1 **$37.30**

One inch aluminum ram tube with 1.250" intake hole. Designed for the stock altered engine. Includes 2 gaskets. NQS Document #121506.



Billet Aluminum Velocity Stack -- For 1-Cyl.

Prt No. VS1 **$55.15**

This billet aluminum velocity stack fits directly onto a Kohler carb. Machined for maximum flow and to still be able to bolt right on. Comes with attaching stainless steel screws. Accepts K&N Filter on flange -- Prt No. KN

K&N Filter Vinyl Cover

Prt No. KNC **$15.75**

Comes in various colors.

K&N High Performance Air Filter

Prt No. KN **$64.99**

Fits our bolt on V-Stack. Clamp on filter that is 7" diameter by 6" long. Carb mounting centered on filter. Flange width is 5/8" wide. Comes with clamp. To be used with the velocity stack for 1-cyl. or twins. Needs our V-stack.

Carb Gasket for Floatbowl

Prt No. FB Gasket **$3.15**

Needle and Seat for Kohler Carb

Prt No. Needle **$14.05**

Used in MSC gas carb.

Throttle Plate Stock

Prt No. Throttle Plate **$3.15**

1.300" and 1.530" diameter.

Throttle Shaft for MSC Carb with bolts

Prt No. Throttle Shaft **$21.50**

Main Jet for MSC Carb

Prt No. MainJet **$18.90**

Also works in Stock Carb.

5% Discount on all orders mailed in with a money order/cashier's check

Carbs & Parts

KN Filter for 2 Barrel
Need Prt No. V-Stack-2

Prt No. KN2Barrel **$99.99**

V-stack Adapter
For 2-barrel carb to fit KN air filter. (KN Filter for 2 Barrel Carb above.)

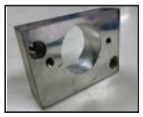
Prt No. V-Stack-2 **$68.25**

Dual Barrel Carb Blank Jets
2 in a package.

Prt No. DB-Single **$10.00**

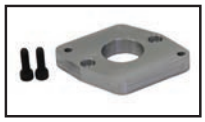
Jet Package for Kohler 2 Barrel Carb

Prt No. DB pack **$27.99**



Drop Manifold for 1.2 carb
For Single Cylinder Carb

Prt No. DM-Pro **$94.50**



Command Carb Adaptor
For downdraft Command carb to the Command vertical intake manifold. The vertical intake manifold nearly twice the air of the horizontal intake manifold.

Prt No. Carb Adaptor **$47.25**

Command Carb Bracket
For downdraft carb for gas pedal cable. Bolts on in place of solenoid.

Prt No. Bracket **$6.30/ea.**

Command Velocity Stack for Stock Carb

Prt No. Velocity Stack **$55.00**

NQS Certified Carb Checkers
1.0" and 1.2".

Prt Nos.
Check 1
Check 1.2

$36.75

Airhorn for Super B

Prt No. Airhorn **$85.00**

Super B Needle

Prt No. 112195 **$11.18**

Main Jets for SS Carbs (pkg of 3)

Prt No. 117206 **$24.55**

Shaft Throttle Kit

Prt No. 235256S **$16.69**

Mixture Adjuster for MSC Main Jet

Prt No. Adjuster **$18.75**

5% Discount on all orders mailed in with a money order/cashier's check

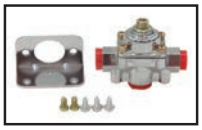
Carbs & Parts

Carb Conversion Kit on MSC Carbs
Changes from gas to alcohol.

Prt No. Carb Kit **$15.75**

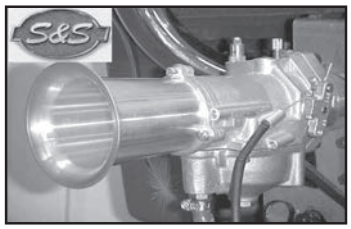
Holley Fuel Pump
For gas and alcohol. Polished aluminum universal fit.

Prt No. Fuel Pump **$182.00**



Holley Fuel Pressure Regulator
1-4# Tumble polished single inlet, dual outlet 3/8 NPT (National Pipe Thread).

Prt No. Regulator **$38.00**



S&S Super D Carb Assembly
Requires use of a low pressure fuel regulator. Needs less than 1 lb. of fuel pump pressure. Comes with 4" long velocity stack.

Prt No. Carb-D **$577.50**

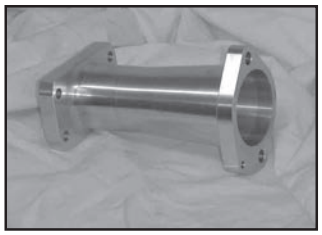
Super D Float — Prt No. 112187 — **$21.15**

Super D 1" Carb Spacer — Prt No. Carb D 1" Spacer — **$51.50**

Airhorn for Super D — Prt No. 170141 — **$88.00**

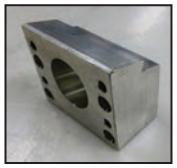
Conversion - Set up on Super D
For 3 lb. pressure and correct jet. **Done in house only.**

Prt No. DConversion **$42.00**



Super D Manifold
Adapts carb to the aftermarket blocks. 6" long. Uses four bolt flange on engine. 1 3/8" x 3" bolt pattern.

Prt No. Manifold **$94.50**



Drop Manifold for Super D
1 3/8" x 3" bolt pattern.

Prt No. DM-Super D **$94.50**

5% Discount on all orders mailed in with a money order/cashier's check

Big Twin Parts

Kohler Command Big Twin (34hp-40hp) Flywheel An adjustable steel flywheel designed for the new 30hp to 40hp Kohler Command V-twin. We refer to this engine as the Big Block Command. In stock, ready for shipment.	Prt No. BT-FC34	**$288.75**
Aluminum Clutch Hubs also available for this flywheel and also fits stock flywheels.	Prt No. BT-Hub	**$55.15**
Kohler Command Big Twin (34hp-40hp) Billet Steel Cam Blank Designed for the big block v-twin Kohler Command engines.	Prt No. BT-Blank	**$131.25**
Also available is an adjustable steel camshaft gear.	Prt No. BT-ACAM	**$78.75**
Command Big V-Twin 34hp-40hp Copper Head Gaskets 0.031" thick. Works with the 34hp to 40hp models.	Prt No. BT-HG	**$28.35/pr.**
Steel Adjustable Cam Gear. For msc. Big Twin Command Cam.	Prt No. BT-CG	**$78.75**
Billet Aluminum Oil Pan for 34 HP - 40 HP Kohler Command V-Twin	Prt No. BT-OP	**$157.50**
Dome Piston for 34 - 40 HP Big Block Twin 12:6:1	Prt No. BT JE 3543	**$180.60**
Billet Aluminum Connecting Rod. For Big Block V-Twin.	Prt No. BT-Rod	**$147.00**
Rod Bearing Set for Big Twin Standard	Prt No. BT Rod Bg	**$37.80**
Big Twin Cam Degree Tool Patent Pending on this easy-to-use tool to degree your camshaft in on your Big Twin. Can also use to check the end play on the cam and crankshaft. Made of high strength grade 1/2" aluminum.	Pt No. BT-Degree	**$36.75**
Steel Adjustable Flywheel for Pulling. Weighs 22 lbs.	Prt No. BT-FC1	**$288.75**
XL Pipe Cover for Big Twin. Comes in black only.	Prt No. BT-XPC	**$16.80**
Big Twin Exhaust Flanges	Prt No. BT Exflange	**$15.75**
Big Twin Clutch Hub	Prt No. BT-Clutch Hub	**$55.15**
Steel Stroker Crank 3.50 Stroke 2.805 Stroke	 Prt No. BT-C3500 Prt No. BT-C2805	 **$945.00** **$945.00**

Racer Flywheels for 1 Cyl. Kohler Command

Billet Aluminum Adjustable Flywheel for 1-Cylinder Kohler Command Fits 9hp to 17.5hp engines both horizontal and vertical configurations. Weighs 8 lbs and is fully adjustable timing. Install yor magnet and starter ring gear. Increased acceleration over stock flywheels and added safety.	Prt No. 1CRAF	**$175.00**
If cooling is needed add the **Billet Aluminum Cooling Fan** to the flywheel. This fan bolts directly onto the flywheel. Weighs just 2 lbs.	Prt No. ACF	**$160.00**

Billet Aluminum Electronic Ignition Flywheel Assembly for 1 Cyl. Kohler Command

Fits 9hp to 17.5hp Kohler Command engines, both horizontal and vertical configurations. Weighs 3.5 lbs and just install your starter ring gear.

The **Complete Kit** comes with the flywheel, Billet Aluminum Cooling Fan, module and bracket and one Voodoo Coil.	Prt No. 1CREF-C	**$515.00**
The **DIY kit** comes with the flywheel, billet cooling fan and module and bracket. Purchaser will need to mount their own 3 ohm coil.	Prt No. 1CREF-DIY	**$315.00**
The **Basic Kit** includes just the flywheel and billet cooling fan.	Prt No. 1CREF-B	**$275.00**
Just the flywheel part is also available.	Prt No. 1CREF	**$145.00**

1 Cyl. Command Parts

Bore and Sleeve to fit 3.780 piston		**$250.00**
Steel Billet Crankshaft for 1 Cyl. Kohler Command Forged Steel Crank 3.250" stroke with straight cut crank gears.	Prt No. 1CC3250	**$425.00**
Crank 3.575" Stroke	Prt No. 1CC3575	**$425.00**
Steel Billet Oil Pump Shaft and Straight Cut Gear To be used with stroker crank.	Prt No. 1C Oil Shaft	**$75.00**
Adjustable Steel Cam Straight Cam Gear To be used with stroker crank.	Prt No. 1CCGS	**$75.00**
Adjustable Steel Cam Helical Cam Gear To be used with stock crank.	Prt No. 1CCGH	**$75.00**

1 Cyl. Command Parts

Diamond Pistons for 1 Cylinder Kohler Command — **$199.99**

These are flat top pistons for increased compression. Lightweight forged piston design. Includes piston, rings, piston pin, and clips.

Part No.	Description	Size	Pin Height	# of Rings
D1C3425	3.425" for CV11-14HP, CV460-465 19mm pin. Fits stock rod and 1CR1130/1CR1185	3.425"	1.142"	3
D1C3543	3.543" for CV15-16, CV490-495 19mm pin. Fits stock rod and 1CR1130/1CR1185	3.543"	1.142"	3
D2C3425	3.425" for CV11-14HP, CV460-465 17mm pin. Fits 1CR1229/1CR1180/1CR1152/1CR1272/1CR1300	3.425"	0.750"	3
D2C3543	3.543" for CV15-16, CV490-495 17mm pin. Fits 1CR1229/1CR1180/1CR1152/1CR1272/1CR1300	3.543"	0.750"	3
D2C3780	3.780" for Sleeved engine.	3.780"	0.750"	3
D2C3937		3.937"	0.750"	3

We can sleeve your CV11-CV495 for $250.00, which includes Sleeve, boring and honing.

Steel Camshaft Blank — Prt No. 1CCB — **$115.00**

Fits our adjustable cam gear. Made of high strength 8620.

Shaft Style Roller Rocker Kit — Prt No. 1CRR — **$120.00**

Aluminum roller rockers that are shaft mounted. Bolts directly on to stock head. Includes Rocker Arm Cover Gasket.

5/16" Pushrods, various lengths: **$30.00/pair** — Prt No. 1CPR — **$30.00**

Billet Aluminum Valve Cover — Prt No. 1CVC — **$110.00**

Allows for increased crankcase ventilation.

Roller Lifters - requires machining — Prt No. RollerLifters — **$110.00/ pair**

V-Twin Mounting Bracket — Prt No. CMB — **$12.00**

Drilled & tapped set up on block; just run bolt up from bottom side through frame and hole in engine and thread into mounting bracket.

Billet Connecting Rods for 1 Cylinder Kohler Command

Connecting rod features replaceable rod bearing inserts. Crankshaft rod journal will need 1.500" to fit rod bearing. Connecting rods for various set up are listed below:

Prt No.	Description	Length	
#1CR1130	Stock Rod Length for 11-16 HP	113.0mm	**$150.00 each**
#1CR1185	Stock Rod Length for CV460-495	118.5mm	
#1CR1229	Long Rod for 11-16 HP w/.750 PH piston	122.9mm	
#1CR1180	Long Rod for 11-16 HP w/CV460 crank w/.750 PH piston	118.0mm	
#1CR1152	Rod for 3.25 stroker 11-16 HP w/.750 PH piston	115.2mm	
#1CR1272	Rod for 3.25 stroker CV460-495 w/.750 PH piston	127.2mm	
#1CR1300	Long Rod for CV460-495 stock stroke w/.750 PH piston	130.0mm	

We have developed our tachs to work with any engine-ignition system combination. They can be set from half pulse to 6 pulses per rev. They include an inductive pickup which can also be used to wire directly into a tach output.

Mini Tach & Temp

- 5hrs+ Recording time
- Manual or automatic recording
- Completely Sealed design
- Volt Meter
- Shift Indication
- On device playback only

MTT-Head	-	**MTT Head unit (inludes tach lead)**	**$125**
TT-Lead	-	**Tach lead Replacement**	**$20**
TT-Temp	-	**Temp Lead (made in the USA)**	**$65**

TEC Tach

Our TEC Tach has gotten an upgrade since last year it will now record one run and play back one run up to 90 seconds long.

- 90 seconds of recording time
- Maunal or auto record trigger
- includes angle base mount
- Volt Meter
- Integrated Shift light functionality
- On device playback only

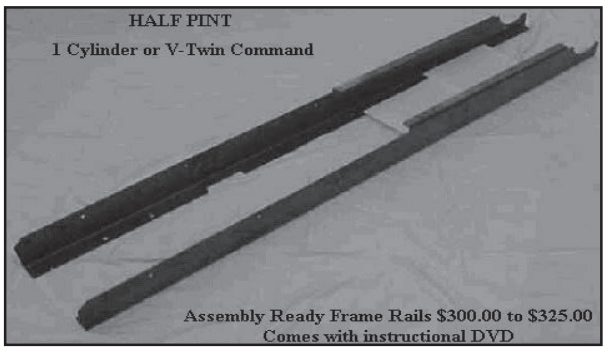
Proudly manufactured right here in the USA.

5500 RPM Tach- TT4-550
10,00 RPM Tach- TT4-100
12,800 RPM Tach- TT4-128
16,000 RPM Tach- TT4-160

Price: $200

Half Pint Chassis Packages:

1. Assembly-ready frame rails w/instructional DVD
Single Cylinder Kohler $300.00 V-Twin Command $325.00
(includes all holes drilled in rails for transmission and engine)
2. Complete Half Pint frame ready for engine, clutch and transmission
Single Cylinder Kohler $1,500.00V-Twin Command $1,550.00
(includes welded frame assembly with front spindles, front weight boom and brackets, side weight frames, step drilled for gas pedal, clutch pedal and release rod, clutch support assembly set up MSC clutch system and rear cross member drilled for cub steering gear.)
3. Complete turn key Half Pint Tractor
Single Cylinder MVP Engine
V-Twin Pro V-Twin Command
(includes MVP NQS Version Motor set up for PS/SS or a MVP Pro V-Twin
Engine, 4 speed trans with drop box, 10 puck MSC clutch system, 3.50x6 tri ribs on Douglas fronts, 26x12x12 LawnTecs mounted on 12x12 6/6 Douglas, wheelie bars, MSC hitch. Your choice of over 50 different colors) Weights not included. The tractor would be basically like one of our Half Pint tractors. **$13,500.00**



Apparel: Printed in US

MWSC Sweat Pants (Colors & Styles may vary) **$12.00**
MWSC Sweat Shirt Hoodie $25.00
NQS Pullers Baseball Cap **$12.00**
Embroidered - Style May Vary
NQS Pullers Decals (One Pair) **$1.00**
COLOR SUPER CUB LOGO T-SHIRTS
Color T-Shirt with MSC Logo (Colors Vary)
Midwest Super Cub Baseball Cap **$12.00**
Embroidered (colors vary)
Sew-On Patches **$5.00**
NQS, MWSC & LawnTec

GIFT CERTIFICATES AVAILABLE

Any occasion,
any amount,
any time.
Call us to see
how easy!

Styles May Vary

Go to **NQS pulling.org** for the NQS Series schedule and entry forms.

KOHLER 10HP ENGINE SPECIFICATIONS

ENGINE BORE	3.25		ENGINE DISPLACEMENT	
ENGINE STROKE	2.875		CUBIC INCH	23.85
ROD LENGTH	5.563		CC'S	391
PISTON PIN HEIGHT	1.625			
HEAD & GASKET CC	68		ROD ANGLE RATIO	1.93
PISTON HEIGHT OUT OF BLOCK	0.000		COMPRESSION RATIO	6.75
DECK HEIGHT OF BLOCK	8.625			
	INDICATED ***ROD LENGTH*** FOR GIVEN PISTON HEIGHT			5.5625
	INDICATED ***PISTON HEIGHT*** FOR GIVEN ROD LENGTH			1.625

KOHLER 12HP ENGINE SPECIFICATIONS

ENGINE BORE	3.375		ENGINE DISPLACEMENT	
ENGINE STROKE	3.25		CUBIC INCH	29.08
ROD LENGTH	5.300		CC'S	476
PISTON PIN HEIGHT	1.700			
HEAD & GASKET CC	85		ROD ANGLE RATIO	1.63
PISTON HEIGHT OUT OF BLOCK	0.000		COMPRESSION RATIO	6.61
DECK HEIGHT OF BLOCK	8.625			
	INDICATED ***ROD LENGTH*** FOR GIVEN PISTON HEIGHT			5.300
	INDICATED ***PISTON HEIGHT*** FOR GIVEN ROD LENGTH			1.700

KOHLER 14HP ENGINE SPECIFICATIONS

ENGINE BORE	3.5		ENGINE DISPLACEMENT	
ENGINE STROKE	3.25		CUBIC INCH	31.27
ROD LENGTH	5.300		CC'S	512
PISTON PIN HEIGHT	1.700			
HEAD & GASKET CC	85		ROD ANGLE RATIO	1.63
PISTON HEIGHT OUT OF BLOCK	0.000		COMPRESSION RATIO	7.03
DECK HEIGHT OF BLOCK	8.625			
	INDICATED ***ROD LENGTH*** FOR GIVEN PISTON HEIGHT			5.300
	INDICATED ***PISTON HEIGHT*** FOR GIVEN ROD LENGTH			1.700

KOHLER 16HP ENGINE SPECIFICATIONS

ENGINE BORE	3.75		ENGINE DISPLACEMENT	
ENGINE STROKE	3.25		CUBIC INCH	35.90
ROD LENGTH	5.300		CC'S	588
PISTON PIN HEIGHT	1.700			
HEAD & GASKET CC	85		ROD ANGLE RATIO	1.63
PISTON HEIGHT OUT OF BLOCK	0.000		COMPRESSION RATIO	7.92
DECK HEIGHT OF BLOCK	8.625			
	INDICATED ***ROD LENGTH*** FOR GIVEN PISTON HEIGHT			5.300
	INDICATED ***PISTON HEIGHT*** FOR GIVEN ROD LENGTH			1.700

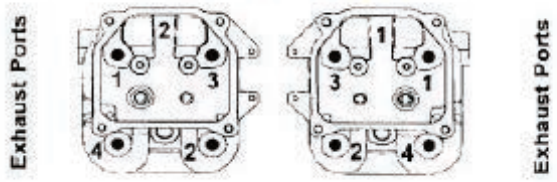
ROD LENGTH CHART

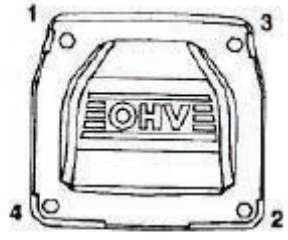
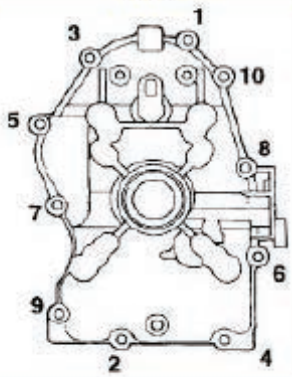
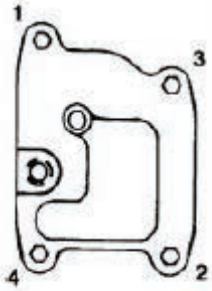
Stroke	Rod	Pin Height	Pop Out		Stroke	Rod	Pin Height	Pop Out
2.875	6.125	1.125	0.0625		3.000	6.250	0.875	Flush
2.875	6.187	1.125	0.125					
					3.165	6.187	0.875	0.02
3.000	6.000	1.125	Flush		3.165	6.250	0.875	0.083
3.000	6.031	1.125	0.031					
3.000	6.125	1.125	0.125		3.250	6.125	0.875	Flush
					3.250	6.187	0.875	0.062
3.165	5.906	1.125	-0.012		3.250	6.250	0.875	0.125
3.165	5.937	1.125	0.019					
3.165	6.000	1.125	0.0825		3.375	6.125	0.875	0.062
3.165	6.031	1.125	0.113		3.375	6.187	0.875	0.125
3.250	5.875	1.125	Flush		3.500	6.000	0.875	Flush
3.250	5.906	1.125	0.03		3.500	6.031	0.875	0.031
3.250	5.937	1.125	0.062		3.500	6.125	0.875	0.125
3.250	5.968	1.125	0.093					
3.250	6.000	1.125	0.125		3.625	5.937	0.875	Flush
					3.625	5.968	0.875	0.03
3.375	5.812	1.125	Flush		3.625	6.000	0.875	0.062
3.375	5.875	1.125	0.0625		3.625	6.031	0.875	0.093
3.375	5.906	1.125	0.093					
3.375	5.937	1.125	0.125		3.680	5.906	0.875	Flush
					3.680	5.937	0.875	0.027
3.500	5.750	1.125	Flush		3.680	6.000	0.875	0.09
3.500	5.812	1.125	0.062		3.680	6.031	0.875	0.121
3.500	5.875	1.125	0.125					
					3.750	5.875	0.875	Flush
3.625	5.688	1.125	Flush		3.750	5.906	0.875	0.031
3.625	5.750	1.125	0.062		3.750	5.937	0.875	0.062
3.625	5.812	1.125	0.125		3.750	5.968	0.875	0.093
					3.750	6.000	0.875	0.125
3.680	5.750	1.125	0.09					
					3.875	5.812	0.875	Flush
3.750	5.750	1.125	0.125		3.875	5.875	0.875	0.062
					3.875	5.906	0.875	0.093
					3.875	5.937	0.875	0.125
					3.937	5.812	0.875	0.03
					3.937	5.875	0.875	0.093
					3.937	5.906	0.875	0.125
					4.000	5.750	0.875	Flush
					4.000	5.812	0.875	0.062
					4.000	5.875	0.875	0.125
					4.090	5.750	0.875	0.045
					4.090	5.812	0.875	0.107

5% Discount on all orders mailed in with a money order/cashier's check

KOHLER COMMAND V-TWIN TORQUE VALUES

Model (Horsepower)		CH & CV18 (18)	CH & CV20 (20)	CH & CV22 (22)	CH & CV25 (25)
Breather Plate		7.3 N-m (65 in. lb.)			
Carburetor Mounting Nuts		9.9 N·m (88 in. lb.)			
Charging Stator Mounting Screw		4.0 N-m (35 in. lb.)			
Connecting Rod Cap Fastener Torque		8mm straight 22.7 N-m (200 in. lb.), 8mm step-down 14.7 N-m (130 in. lb.), 6mm straight 11.3 N-m (100 in. lb.) MWSC RODS 20 FT LBS			
Closure Plate (CH)/Oil Pan (CV)		24.4 N-m (216 in. lb.)			
Cylinder Head	Fastener	40.7 N-m (30 ft. lb.)[2]			
	Rocker Pedestal (Pivot)	11.3 N-m (100 in. lb.)			
Electric Starter Mounting		15.3 N-m (135 in. lb.)			
Flywheel	Fan Fasteners	9.9 N-m (88 in. lb.)			
	Retainer Screw	66.4 N-m (49 ft. lb.)			
Ignition	Spark Plug	24.4/29.8 N-m (18/22 ft. lb.)			
	Ignition Module	4.0*/6.2 N-m (35*/55 in. lb.)			
Manifold (Intake)		9.9 N·m (88 in. lb.)			
Muffler Retaining Nuts		24.4 N-m (216 in. lb.)			
Rectifier Fasteners		4.0 N-m (35 in. lb.)			
Throttle/ Choke Controls	Governor Control Lever	9.9 N-m (88 in. lb.)			
	Speed Control Assembly	7.3*/10.7 Nm (65*/95 in. lb.)[1]			
Valve Cover	Gasket/Sealant Type	3.4 N-m (30 in. lb.)			
	O-Ring Type	7.9 N-m (70 in. lb.)			



Valve Cover	Closure Plate (CH)/Oil Pan (CV)	Breather Plate
		

Over 3 billion feet pulled
299ft 9.60in
10.0MPH Save ?
Sled Monitor
Join over 500 other Sled operators worldwide that have already measured over 3 billion feet with the **Agri-Tronix M3 Sled Monitor**.
The most advanced and accurate method of measuring your pulls. With radio linked monitors and large 12 inch and 18 inch remote displays that the crowd and tractor drivers can both see.
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The displays have the ability to wirelessly link to your M3 sled monitor to continuously update on the fly. An optional wireless keypad can also be used to enter the distance manually from a laser or tape measure reading.
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Call our sales team today!
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Radios links sled to announcer -- $2100.00

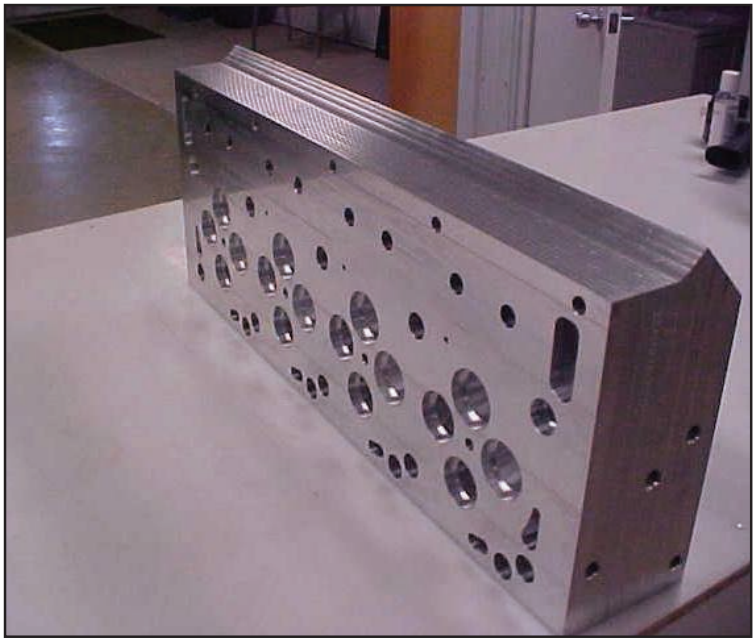
Midwest Super Cub is an authorized dealer 563-659-5276

Starting at $1195.00

West Racing Heads

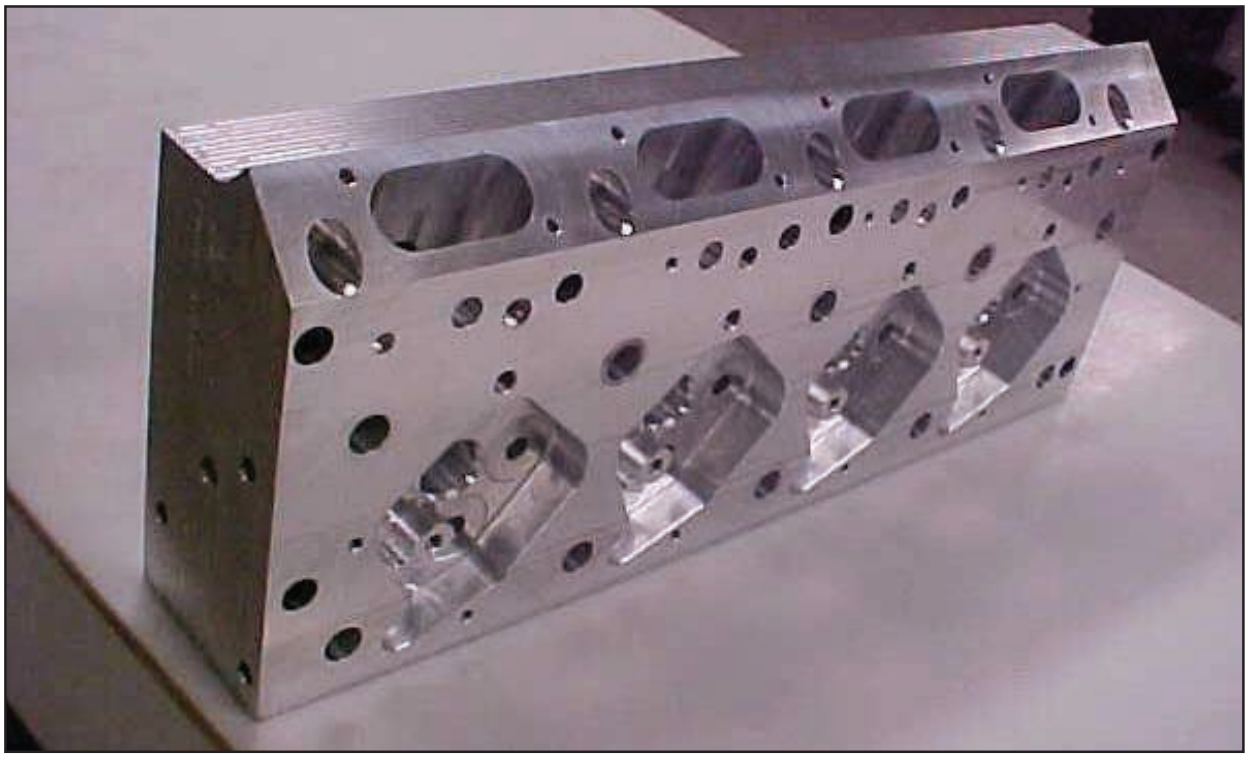
Ford Power Stroke 6.4L Diesel Billet Head

Features include Inconel valves and beehive valve springs, and the head is water jacketed for cooling and CNC ported heads. Fully assembled or bare. Heads accept stock intake and exhaust manifolds.



Price: **$8,400.00** per pair complete. **$5,100.00** bare.

For more information or questions on the cylinder heads, call Don at West Racing Heads: 309-944-4947.



NQS Pulling
NATIONAL QUARTER SCALE PULLING SERIES

OFFICIAL NQS POINTS ENTRY FORM

Owner's Name			
Owner's Address			
THIS FORM IS FOR POINTS ENTRY ONLY. You don't need to be in the points to pull at an NQS event. Use this form only if you want to be in the points chase.			
Driver's Name Entry #1		Driver's Name Entry #5	
Driver's Name Entry #2		Driver's Name Entry #6	
Driver's Name Entry #3		Driver's Name Entry #7	
Driver's Name Entry #4		Driver's Name Entry #8	
		Engine Builder	Tractor Name / NQS #
Entry #1 Class/classes			
Entry #2 Class/classes			
Entry #3 Class/classes			
Entry #4 Class/classes			
Entry #5 Class/classes			
Entry #6 Class/classes			
Entry #7 Class/classes			
Entry #8 Class/classes			

Entry Fee: $ 10.00 per tractor per class. Total Amount Due $_____

MAKE CHECKS PAYABLE TO: NQS PULLING, LLC.
MAILING ADDRESS: NQS Pulling, P.O. Box 10; Welton, IA 52774

Vorhees built Stock Altered and stock govenor engines available. NQS Champion Engine Builder. NQS 16hp SA aftermarket block.

Call for Pricing 740-385-0216

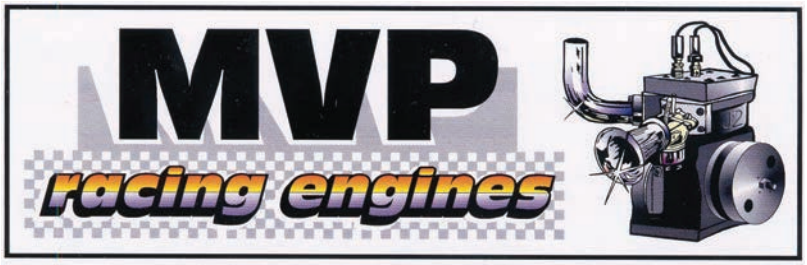
16hp (your stock core block) SA
14hp (your core block) SA
12hp (your core block) SA
10hp (your core block) SA
16hp govenor stock (your core)
10 to 14hp govenor stock (your core)

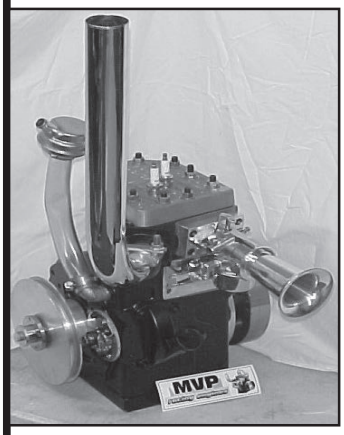
MVP Special -- Kohler Command V-Twin

Billet rods, JE flat top pistons, reground camshaft, new lifters, professionally ported heads, heavy duty single valve springs, rework your downdraft carb with an adjustable main jet, velocity stack, 2 into 1 header, adjustable steel flywheel and engine will be dynoed. 18hp to 25 hp Kohler commands. Core required. No Core...No Problem: add $400.00 (based upon availability). FREE TRUCK FREIGHT INCLUDED to commercial address (lower 48 only). Governor Engines can be included, if needed. **$2000.00**

NQS Engine Builder Cup Winner

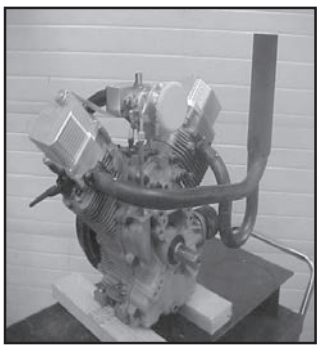
NQS Engine Builder of the Year Champion for 2005, 2006, & 2008





MVP Racing Engines. These are not "Crate Engines" allow 4 to 8 weeks for your custom engine. BASE Engine Complete Pro Stock Engines, 50.5 c.i., J2 Block, dyno-tuned, complete engine with starter pulley, flywheel, multi-stage exhaust pipe and 1.2 MSC carb. Options available Super Stock set up with S&S Super D and manifold (dyno-tuned), Option with Damper. Top shelf engines with no expense spared. Titanium Valves, Dual Springs, Ball bearings on camshaft, 12 ball main bearing, double closure plate bearing, billet oil pan, steel camshaft with our own in house cam profile and design. This engine will run with anything on the NQS circuit. Tested and proven power.

Comes with all of the bells and Super Stock Set-ps, Dampner and Electronic Ignition. ***CNC Ported Block and Cylinder Head.*** **PRICED AT $8,000.00**



MVP V-Twin Command Engine Packages: Starting at **$5,000.00** (18 to 25HP, 1.2 carb gas or alky, balanced stock crank, billet rods, flat top pistons, roller cam, roller rockers, double springs, fully ported stock heads, valve cover spacers, steel adjustable flywheel, custom intake and header. Dyno-tuned. Our most affordable price. Power ranges from 50HP to 90HP. GOOD CORE REQUIRED (18 to 25HP , same as above engine but with Pro V-Twin heads, camshaft and rocker upgrade, steel billet crankshaft). Options stroker crank, 3.385" big bore, cubic inch size up to 56 cubic inches. Gas or Alky. 100+HP. GOOD CORE REQIRED.

NQS VERSION Pro V-Twin engine **$8,400.00.** Needs Good Core.

NQS Pulling
NATIONAL QUARTER SCALE PULLING SERIES

OFFICIAL NQS Championship Pull ENTRY FORM

Owner's Name			
Owner's Address			
Check Box for Pull Entered			
	Sturgis, KY -- February 7 & 8, 2014		
	Tallmadge, OH -- March 7 & 8, 2014		
	Princeton, IN -- October 3 & 4, 2014		
	Liberty, KY November 7 & 8, 2014		
Driver's Name Entry #1		Driver's Name Entry #5	
Driver's Name Entry #2		Driver's Name Entry #6	
Driver's Name Entry #3		Driver's Name Entry #7	
Driver's Name Entry #4		Driver's Name Entry #8	
		Engine Builder	Tractor Name / NQS #
Entry #1 Class/classes			
Entry #2 Class/classes			
Entry #3 Class/classes			
Entry #4 Class/classes			
Entry #5 Class/classes			
Entry #6 Class/classes			
Entry #7 Class/classes			
Entry #8 Class/classes			

Entry Fee: $60.00 per tractor per class. Total Amount Due $_____
Late Fee: $10.00 additional per tractor per class.

MAKE CHECKS PAYABLE TO: NQS PULLING, LLC.
MAILING ADDRESS: NQS Pulling, P.O. Box 10; Welton, IA 52774

*********FOR PRINCETON PULL ONLY********* Make checks payable to T.T.P.A.I.
Send checks to: Susan Hess; 6597 S. 350E; Montgomery, IN 47558

Pre-registration Deadline is two (2) weeks prior to event.

Operation of NQS Pulls 2014

- The NQS Series is going to make its transition back to a winter series, so with this year the series will start in February of 2014 and end in March of 2015. From that point forward the series will be from October to March with 4 events.
- Points Fund will be essentially eliminated with a nominal payback with plaque at end of the year. No award banquet. If winner wants a points champion jacket and large check it will be additional money.
- Voluntary enrollment into the points chase.
- Cost to be in the points $10.00 per tractor per class for the year, otherwise you don't have to join the points to pull (just like it was when we started years ago).
- Elimination of the vendor drawing.
- Classes with 20 to 29 tractors will be run in 2 heats with top 4 in heat to finals.
- Classes with 30 to 39 tractors will be 2 heats with top 6 in each to finals.
- Classes with 40+ will be 4 heats top 6 in each to finals.
- Entry Fee will remain at $60.00 per tractor per class.
- Payback will be increased. Minimum NQS purse is $11,000.00 per event
- $1000 for 1st paying 10 places back with 80+ tractors
- $750 for 1st paying 10 places back with 60-79 tractors.
- $500 for 1st paying 10 places back with 40-59 tractors.
- $400 for 1st paying 10 places back with 30-39 tractors.
- $300 for 1st paying 5 places back with 20-29 tractors.
- $200 for 1st paying 5 places back with10-19 tractors or more.
- $125 for 1st paying 3 places back with 6-10 tractors.
- Under 5 tractors will be up to the promoter for payback.

2014 NQS Pulling Series Events

Pull #1
Where: Sturgis, KY
When: February 7 & 8, 2014
Time: 9:00 AM Both Days
Special Events: $1000.00 to Win Super Stock; $750.00 to Win Pro Outlaw
Class Pulling Order:

FRIDAY	SATURDAY
5000 Gov Single	5000 Gov Twin
Pro/Super/Twin Qualifying	Stock Altered 1100 Qualifying
Limited Pro Stock Diesel 1100	30 Cubic Inch
Pro/Super/Twin Finals	Stock Altered 1100 Finals
Stock Altered 1050 Qualifying	5000 Gov Single
5000 Gov Twin	Pro Outlaw Qualifying
30 Cubic Inch	Limited Pro Stock Diesel 1150
Pro V-Twin	Pro Outlaw Finals
Stock Altered 1050 Finals	Open Super Stock
Open Super Stock	Super Stock Qualifying
39 Twin	Lite Pro 1000
Pro Stock Qualifying	Super Stock Finals
Lite Pro 950	
Pro Stock Finals	

Pull #2
Where: Tallmadge, OH
When: March 7 & 8, 2014
Time: 9:00 AM Both Days
Class Pulling Order:

FRIDAY	SATURDAY
5000 Gov Twin	5000 Gov Single
Stock Altered 1100 Qualifying	Pro/Super/Twin Qualifying
30 Cubic Inch	Limited Pro Stock Diesel 1100
Stock Altered 1100 Finals	Pro/Super/Twin Finals
5000 Gov Single	Stock Altered 1050 Qualifying
Pro Outlaw Qualifying	5000 Gov Twin
Limited Pro Stock Diesel 1150	30 Cubic Inch
Pro Outlaw Finals	Pro V-Twin
Open Super Stock	Stock Altered 1050 Finals
Super Stock Qualifying	Open Super Stock
Lite Pro 1000	39 Twin
Super Stock Finals	Pro Stock Qualifying
	Lite Pro 950
	Pro Stock Finals

Pull #3
Where: Princeton, IN
When: October 3 & 4, 2014
Time: 9:00 AM Both Days
Class Pulling Order:

FRIDAY	SATURDAY
5000 Gov Single	5000 Gov Twin
Pro/Super/Twin Qualifying	Stock Altered 1100 Qualifying
Limited Pro Stock Diesel 1100	30 Cubic Inch
Pro/Super/Twin Finals	Stock Altered 1100 Finals
Stock Altered 1050 Qualifying	5000 Gov Single
5000 Gov Twin	Pro Outlaw Qualifying
30 Cubic Inch	Limited Pro Stock Diesel 1150
Pro V-Twin	Pro Outlaw Finals
Stock Altered 1050 Finals	Open Super Stock
Open Super Stock	Super Stock Qualifying
39 Twin	Lite Pro 1000
Pro Stock Qualifying	Super Stock Finals
Lite Pro 950	
Pro Stock Finals	

Pull #4
Where: Liberty, KY
When: November 7 & 8, 2014
Time: 9:00 AM Both Days
Class Pulling Order:

FRIDAY	SATURDAY
5000 Gov Twin	5000 Gov Single
Stock Altered 1100 Qualifying	Pro/Super/Twin Qualifying
30 Cubic Inch	Limited Pro Stock Diesel 1100
Stock Altered 1100 Finals	Pro/Super/Twin Finals
5000 Gov Single	Stock Altered 1050 Qualifying
Pro Outlaw Qualifying	5000 Gov Twin
Limited Pro Stock Diesel 1150	30 Cubic Inch
Pro Outlaw Finals	Pro V-Twin
Open Super Stock	Stock Altered 1050 Finals
Super Stock Qualifying	Open Super Stock
Lite Pro 1000	39 Twin
Super Stock Finals	Pro Stock Qualifying
	Lite Pro 950
	Pro Stock Finals

Added Classes on Saturday are the Grayson County Tractor Pullers Classes 8hp Kids Class, Stock Class, 12hp Open, E Class, Twin Class, Stock Altered, Light Outlaw, Heavy Outlaw, 750cc motorcycle and 1150cc motorcycle.

Pulls #5 & #6 will be in the spring of 2015, please watch for the dates later.

Rule Changes for 2014:

1. Pro Stock and PST Classes: 48 cubic inch stock block K-series Kohler engines will be allowed to run with the same weight/hitch as the Pro Stock. 48c.i. engines will have the same rules as the 50.5 Pro stocks, with the following exceptions. Stock Block K-Series Kohler Engine, open carburetion (no fuel injection), no external welding allowed on the blocks (all-thread okay), if engine is sleeved, sleeve can not be externally visible. Must have head/block restraint.

2. All V-twin classes can run either gas or methanol. Gas must be either VP C-12 or VP C-15. No oxygenated fuels allowed.

3. Gov. Twin 5000 RPM Class 13" hitch – 1050#30 HP Block Max – Must be garden tractor block. No recast, billet or plated heads. No welding on outside of heads. Putty permitted. Stock manifolds only – 2 barrel, plastic, horizontal or vertical. Must have factory part number. No homemade plenums. Carb/manifold spacers are allowed. Carb - 1.200 Venturi max. Single or two barrel carbs permitted. No fuel injection allowed. Any ignition is allowed. Electric fuel pumps allowed. Wheelie Bars, brakes, safety shields required. Steel flywheel. No cast iron. Front pulleys – steel or alum, must have bolt & washer to secure. Must have flywheel / clutch shields in place. Must have working kill switch – dead man throttle. 26x12x12 max tire size. Any tire allowed. Tractors must be clean & painted. Fire suits and helmets required. VP C-12 or VP C15 Fuel.

4. Gov. Single 5000 RPM Class 13" hitch – 1050# Factory or OEM Blocks only - 16 HP Block Max. No welding on blocks. No aftermarket blocks allowed. Head strap required. Billet or cast heads allowed. Carb - 1.200 Venturi max. Any ignition is allowed. Electric fuel pumps allowed. Wheelie Bars, brakes, safety shields required. Must have working kill switch – dead man throttle. Steel flywheel. No cast iron. Front pulleys – steel or alum, must have bolt & washer to secure. Must have flywheel / clutch shields in place. 26x12x12 max tire size. Any tire allowed. Tractors must be clean & painted. Fire suits and helmets required. VP C-12 or C-15 Fuel.

5. Limited Pro Stock Diesel Garden Tractor Class Rules All general safety rules apply. (1) Engine must be commercially produced with at least 1000 units built. Engines may be no more than 3 cylinders. May be liquid or air cooled. Engine block must have factory casting model and serial numbers visible and not ground off. Ag or industrial engines only; no automotive or motorcycle engines. No cut down 4 cylinder engines allowed. (2) Engine will be no more than 70 cubic inches. This is based on the factory casting numbers. No sleeving down or de-stroking larger engines.(3) Water injection will be allowed. Must be plain water only. Combustible agents (alcohol, oxygenators) are NOT allowed in water injection. Soluble oil Lube additives are permitted. (4) Engine modifications are permitted = Rods, Pistons, Cam, Fuel system. (5) Engine must have OEM intake manifolds and exhaust manifolds, polishing is permitted. No tube headers or intakes. (6)Head work is permitted on stock OEM heads. No Billet heads. No overhead cams. Must be indirect injection. No converting from indirect to direct. Injectors must remain in stock location. (7) Injector and injector pump modifications allowed. No Billet injector pumps. (8) Must be "Cam Box" or "PFR" injection pump. No electronic or common rail injection systems. (9) Turbo charging is permitted, but limited to a single turbo only. Turbo will be fitted with a shut down guillotine on the compressor inlet side of the turbo. Exhaust "L" of turbo must have minimum of 5/16 cross in elbow with exhaust to discharge vertically. (10) Electric fuel supply pump is permitted with positive power wire to

have shut off disconnect at rear of tractor. (11) No propane, nitrous injection or any type of secondary fuel system of any kind will be permitted. (12) All tractors must be compression ignition and use Diesel fuel only. No spark plugs or alcohol as a fuel. Diesel fuel must be NTPA or NQS legal.* (13)Stock frames, stock appearing frame rails, and tube frames are permitted. Tube frames must be covered with sheet metal. (14) This class is for stock appearing tractors with full hood, grill and side shields. Must be recognizable as an actual modern production garden tractor or small farm tractor. Hood and grille can be from a different make than frame/rear end. Has to look like a tractor. (15) Must use garden tractor drive line components, modifications are allowed. Internal gears, front reduction housing and planetaries are allowed. No cut down automotive rear ends. (16) Full metal side shields to cover engine area minimum 16 gauge steel or 14 gauge aluminum. (17) Must run 5/16" cable around oil pan over top of valve cover in a complete circle connected with (2) cable clamps. (18) Must run billet steel fly wheel. (19) Clutch assembly and fly wheel must be surrounded 360 degrees with 1/8" steel or 3/16" aluminum. This is also to include cast iron front balancer pulleys. SFI approved front dampers need not be shielded. (20) 56" wheel base maximum. (21) Maximum 8 feet from center of rear axle to front most portion of weights. (22) 13" hitch height. (23) 26" x 12 x 12 tires max. (24) 1100 lbs./1150Ibs.Weight classes. (25) Must have wheelie bars same specifications as other classes. (26) Kill switch device mounted on rear of tractor must disconnect power to electric fuel pump along with activating turbo guillotine. (27) Dead man throttle required. (28) Min. of 1 lbs fire extinguisher required. (29) Helmet face shield or goggles required. Gloves are recommended. (30) No belt driven cooling fans. Electric fans only. (31) Intercoolers and ice boxes are not permitted. *Diesel only with a dielectric value of no greater than 4.9 or less than 2.2. The dielectric meter shall use Cyclohexane to establish the zero reference point in determining all diesel fuel dielectric constant values. The use of additives containing oxygen, such as nitromethane, propylene oxide, dioaxane, MTBE, alcohol (methanol), or nitrous oxide is prohibited. These additives, and others of the oxygen-bearing family, will significantly change the dielectric values of diesel fuel.

6. 39 Cube V-twin Class: 45 cubic inch V-twins, same restrictions as the 39 cube V-twins, can run in this class with a handicap. V-twin engines between 40 cid to 45 cid will run at 1000# with a 12" hitch height, V-twin engines 39 cid and smaller will be 1050# with a 13" hitch height. Same handicap for in the PST class also.

7. Engine Builder Cup Points: PS/SS cup points will be expanded to include the following classes: Pro Stock, Super Stock, Pro Outlaw and Pro/Super/Twin class. Engine builders will be awarded points to their two (2) best finishing engines in the group of classes (i.e. 1st in PS and 4th in Pro Outlaw). Stock Altered: the two (2) best finishing engines in the two stock altered classes (i.e. 2nd in 1050 and 4th in 1100). "New Lite Pro" engine builder similar to Stock Altered with the two (2) best finishing engines (i.e. 3rd in 950 and 1st in 1000). "New V-twin" engine builder: This will include the classes of 5000 Governor Twin, 39 Twin and Pro V-twin classes. Best two (2) finishing engines (i.e. 1st in 5G Twin and 3rd in 39 twin). Points will be awarded at the same rate as they are currently.

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Welton, Iowa 52774

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